

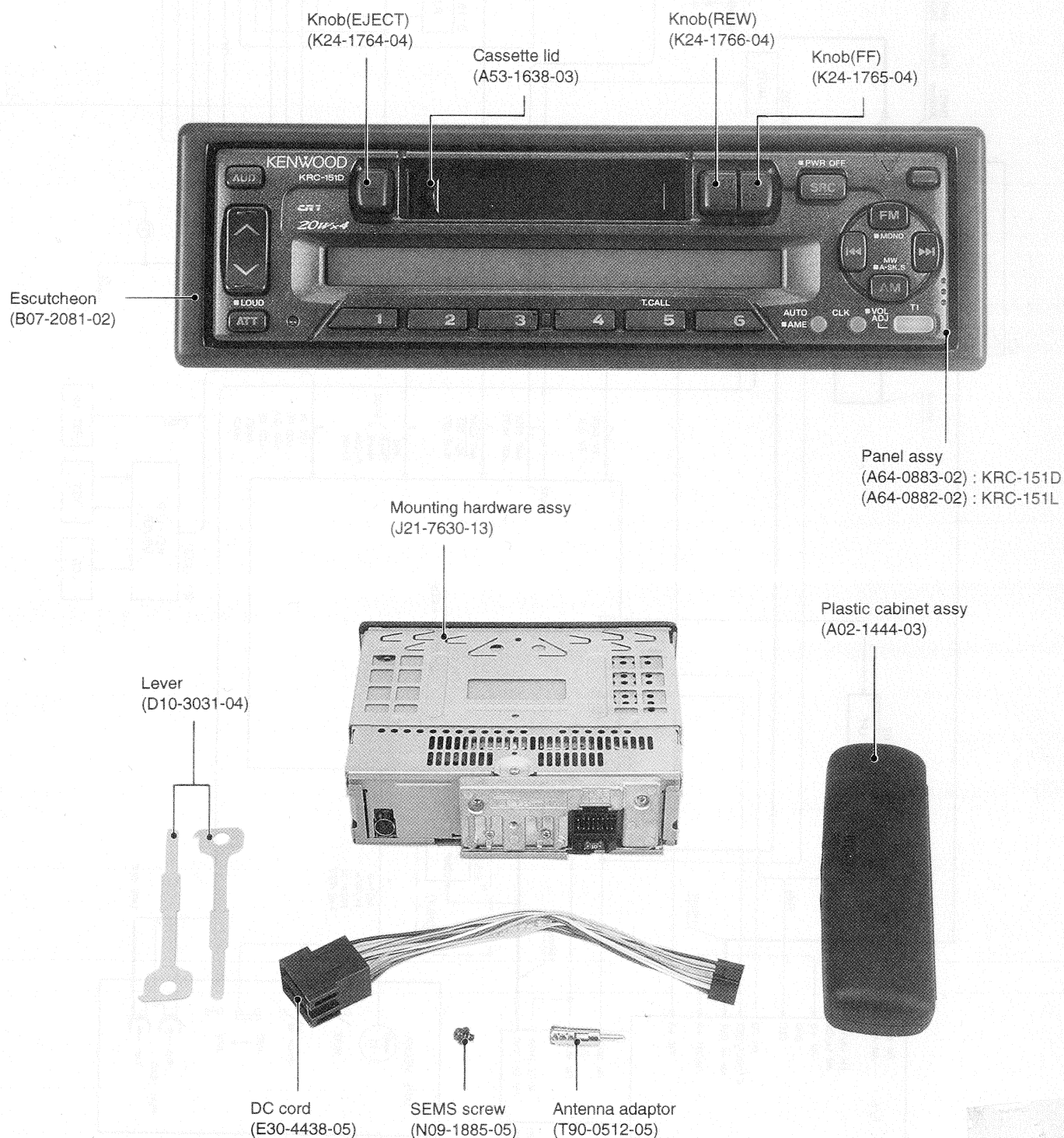
KRC-151D/L

SERVICE MANUAL

KENWOOD

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B51-7087-00 (S) 2281

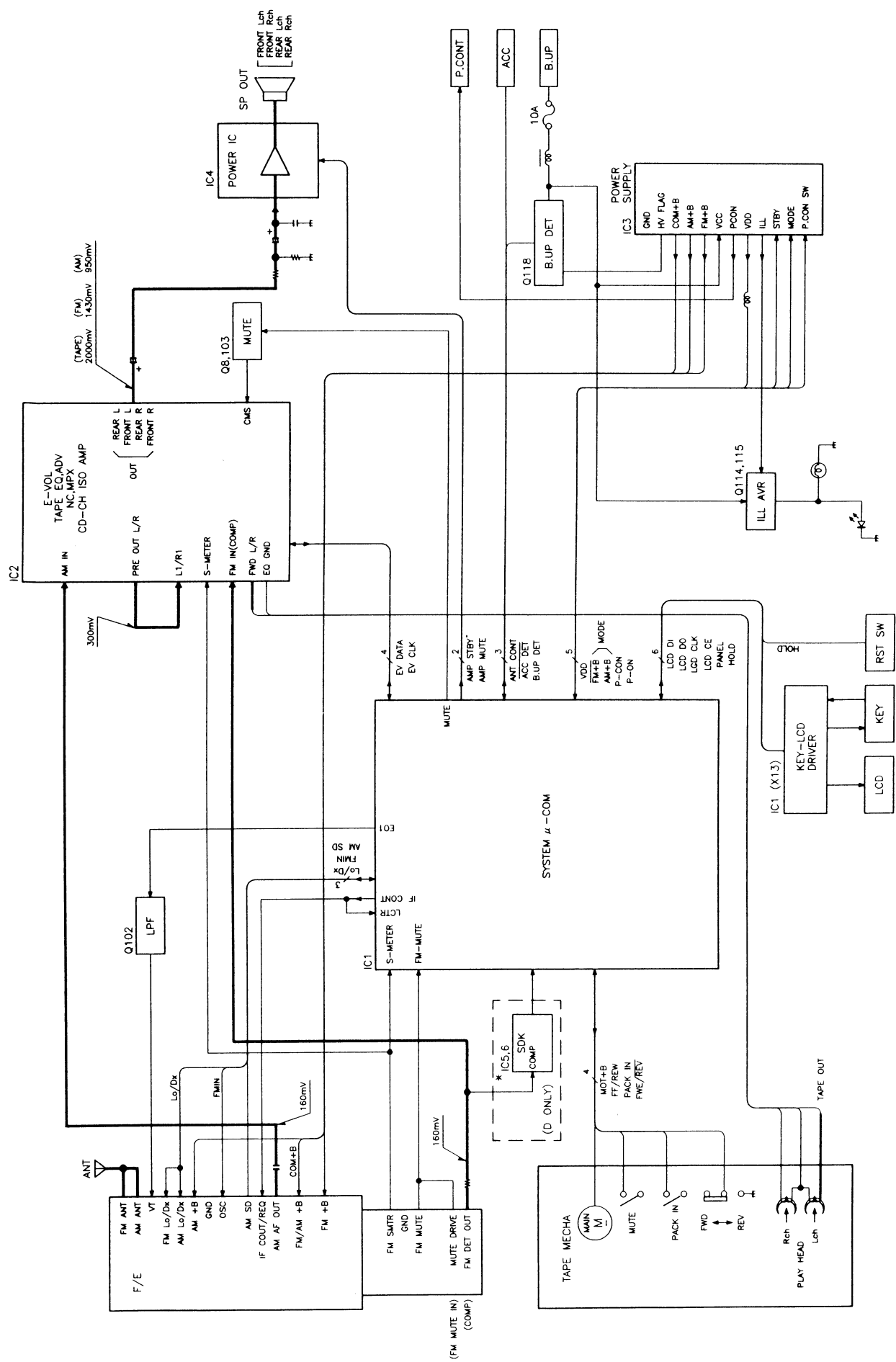
Photo is KRC-151D



DC cord for service : E30-4335-05

KRC-151D/L

BLOCK DIAGRAM



CIRCUIT DESCRIPTION

Microprocessor : LC72358N-9288(IC1, X14-)

Terminal description

No.	Pin Name	I/O	Function	Description	In HOLD mode
1	XIN				
2	TEST2				
3	SI0/PG3	O	EV-CLK	Electronic volume control - Clock line.	L
4	SO0/PG2	O	EV-DATA	Electronic volume control - Data line.	L
5	SCK0/PG1	O	FM+B	FM power control.	L
6	PG0	O	AM+B	AM power control.	L
7	SI1/PF3	I	CH-DATAC	Changer data input.	L
8	SO1/PF2	O	CH-DATAH	Changer data output.	L
9	SCK1/PF1	I	CH-CLK	Changer clock input.	L
10	PF0	O	CH-REQH	Changer request output.	L
11	SI2/PE3	O	CH-CON	Changer control.	L
12	SO2/PE2	I	CH-REQC	Changer request input.	L
13	SCK2/PE1	I	FF/REW	Tape - FF/REW detection. "L" = FF/REW.	
14	PE0	I	TAPE in	Tape - Tape input. "L" = Tape mode.	
15	PD3	O	AMP STBY	Standby output to power amplifier.	L
16	PD2	O	AMP MUTE	Power amp muting output. "H" = Muting. H in 15 sec.	L
17	PD1	O	MUTE	Audio muting output. "L" = Muting. H in 15 sec.	L
18	PD0	O	ANT-CONT	Tuner antenna control. "H" = Tuner mode.	L
19	PC3	O	PCON	Power control "H" = ON.	L
20	PC2	O			L
21	PC1	O			L
22	PC0	O	MOTOR	Tape motor ON output "H" = ON.	L
23	PB3	O			
24	PB2	O			L
25	PB1	O			L
26	PB0	O	DSI	DSI "H" = ON.	L
27	PA3	I	SEL3	Destination type selection terminal. With pull - down resistor.	L
28	PA2	I	SEL2	Destination type selection terminal. With pull - down resistor.	L
29	PA1	I	SEL1	Destination type selection terminal. With pull - down resistor.	L
30	PA0	I	SEL0	Destination type selection terminal. With pull - down resistor.	L
31	Vdd	I	Vdd		
32	PQ0	I	LCD-DI	LCD driver - Data input.	L
33	PP3	O	LCD-DO	LCD driver - Data output.	L
34	PP2	O	LCD-CLK	LCD driver - Clock output.	L
35	PP1	O	LCD-CE	LCD driver - Chip Enable output.	L
36	PP0	O	LCD-RST	LCD driver - Reset output	L
37	PO3	O			L
38	PO2	O			L
39	PO1	O			L
40	PO0	O			L
41	PN3	O			L
42	PN2	O			L
43	PN1	O			L
44	PN0/BEEP	O	BEEP	Beep output (2.08 kHz).	L
45	PM3	I	PANEL	Panel detection. "L" = Panel detected.	
46	PM2	I	SK	SK input. "H" = ON.	
47	PM1	I	DK	DK input. "H" = ON.	
48	PM0	I	FWD/ REV	Tape - FWD/ REV input. "H" = FWD.	
49	PL3	O			L
50	PL2	O	LOCAL	Tuner - Local output. "H" = During seek.	L
51	PL1	O			L
52	PL0	O	EQMUTE	Tape - EQ muting output.	L
53	PK3	O			L
54	PK2	I	AM-SD	AM band - SD detection. "H" = Station detected.	

KRC-151D/L

CIRCUIT DESCRIPTION

No.	Pin Name	I/O	Function	Description	In HOLD mode
55	PK1/INT1	I	<u>SURGE</u>	Surge detection.	
56	PK0/INT0	O	<u>SW+B</u>	SW power control	L
57	PJ3	O	<u>IF CONT</u>	Tuner - IF counter ON output. "L" = ON.	OPEN
58	PJ2	O	<u>PON</u>	Power ON. "L" = ON. "H" in 1.15 sec.	
59	PJ1	O	<u>ILLMI-ON</u>	Illumination ON. "OPEN" = ON.	OPEN
60	PJ0	O	<u>CRSC OFF</u>	CRSC ON/OFF. "L" = OFF.	OPEN
61	PI1/ADI5	I			L
62	PI0/ADI4	I	FM MUTE	"L" = when a station is detected in FM band. Vth = 1.2V	
63	PH3/ADI3	I	<u>ACC</u>	Acc detection. "H" = ON.	
64	PH2/ADI2	I	<u>BUCK UP</u>	Back-up detection. "L" = Power down. Recovery with $\bar{f}$	
65	PH1/ADI1	I			
66	PH0/ADI0	I	<u>S Meter</u>	FM band station detection. "H" = Station detected.	
67	HOLD	I	<u>HOLD</u>	Hold detection. "L" = Hold.	
68	SNS	I	<u>SNS</u>	Power down detection.	
69	LCTR	I	<u>LCTR</u>	IF counter input.	
70	HCTR		<u>HCTR</u>		
71	EO3	I	<u>EO3</u>	Phase detector error output. "OPEN".	
72	SUB PD		<u>Vss</u>	Connected to GND.	
73	Vdd		<u>Vdd</u>		
74	AM in	I		VCO input.	
75	FM in			VCO input.	
76	Vss				
77	EO2			Phase detector error output. "OPEN"	
78	EO1			Phase detector error output.	
79	TEST1				
80	XOUT				

	<u>FM+B</u>	<u>AM+B</u>	<u>SW+B</u>	<u>EQMUTE</u>
Tape Mode	H	L	L	L
FM Mode	L	L	L	H
AM Mode	H	H	H	H
SW Mode	H	H	L	H
CD-CH Mode	H	L	L	H
Tape FF/REW	H	L	L	H
T-Call FM	L	L	L	H
T-Call AM	H	H	H	H
T-Call SW	H	H	L	H
Power off	L	L	L	L

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2



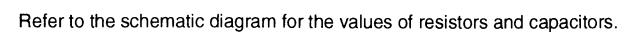
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Refer to the schematic diagram for the values of resistors and capacitors.

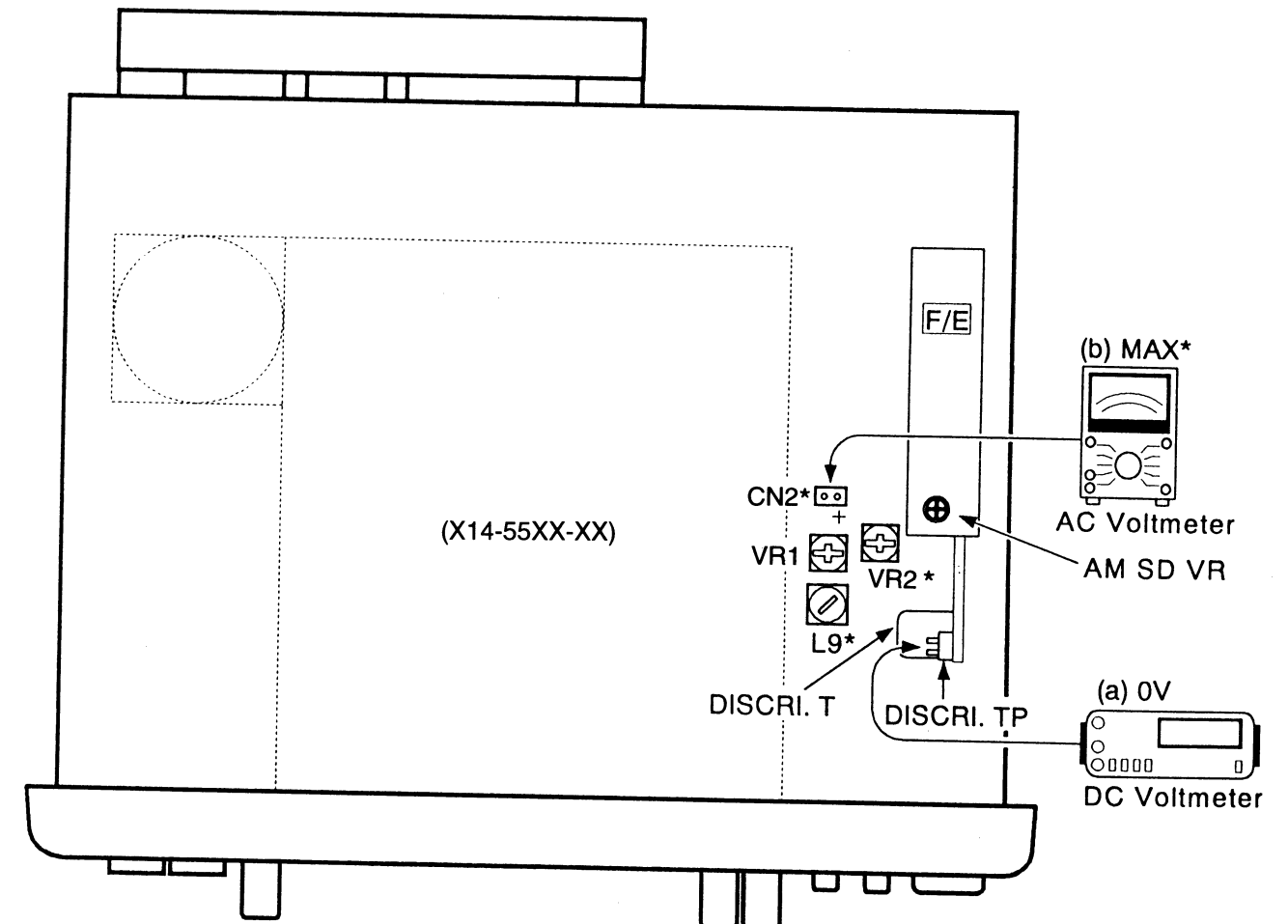
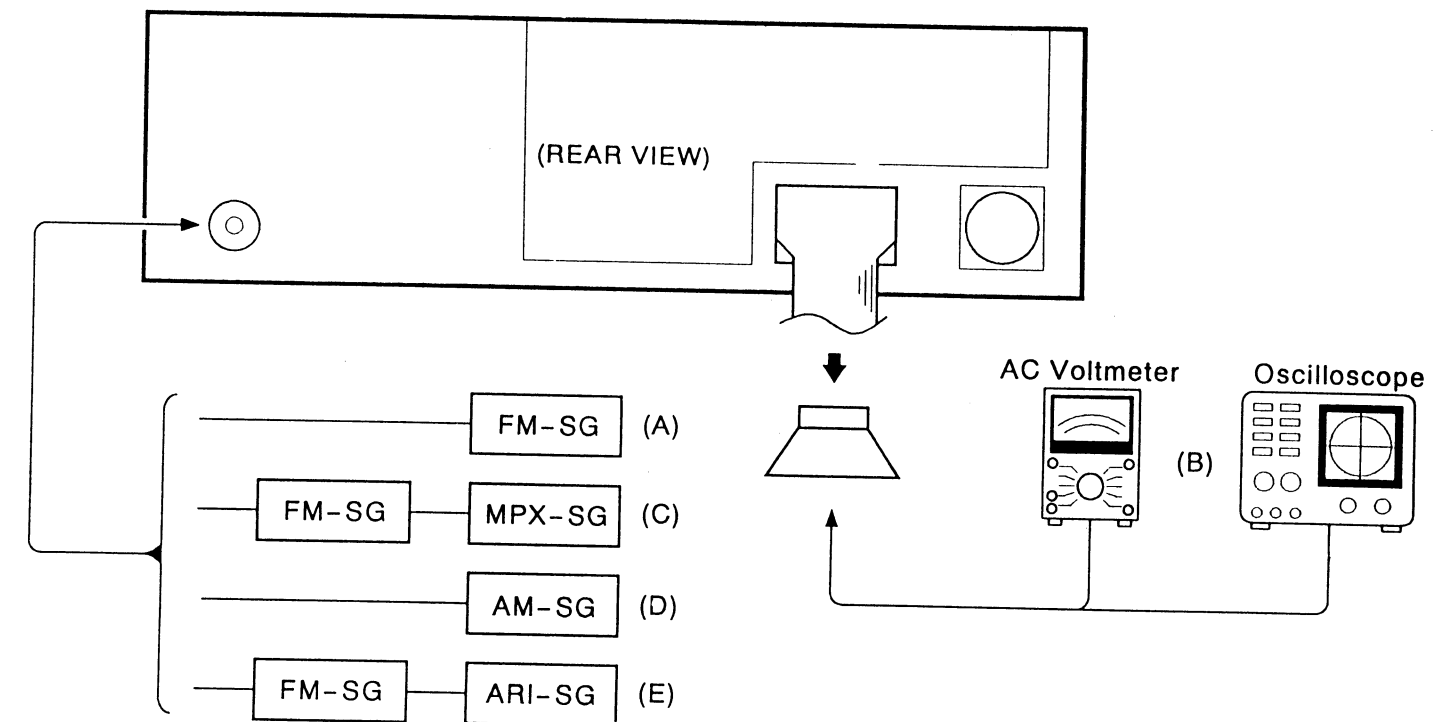
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1 MHz 0 dev 60 dBμ (ANT input)	Connect a DC voltmeter to TP(F/E)	FM 98.1 MHz	T (F/E)	0 V	(a)
2	ANRC (STOP LEVEL)	(C) 98.1 MHz 1 kHz, ±40 kHz dev Pilot: ±6.0 kHz dev Selector: L or R 35 dBμ (ANT input)	(B)	FM 98.1 MHz	VR1	Separation 10 dB	
SDK SECTION (D TYPE ONLY)							
3	DK LEVEL	(E) 98.1 MHz 0 mod SK 5.33% DK 30% BK 60% 60 dBμ (ANT input)	Connect an AC voltmeter to CN2	FM 98.1 MHz	VR2 L9	Maximum	(b)
AM SECTION							
(1)	STOP LEVEL	(D) 990 kHz 0 mod 35 dBμ (ANT input)	—	AM 990 kHz	VR (F/E)	STOP	
CASSETTE DECK SECTION							
(1)	AZIMUTH	MTT-114 10 kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch / R ch or FWD / RVS becomes maximum	

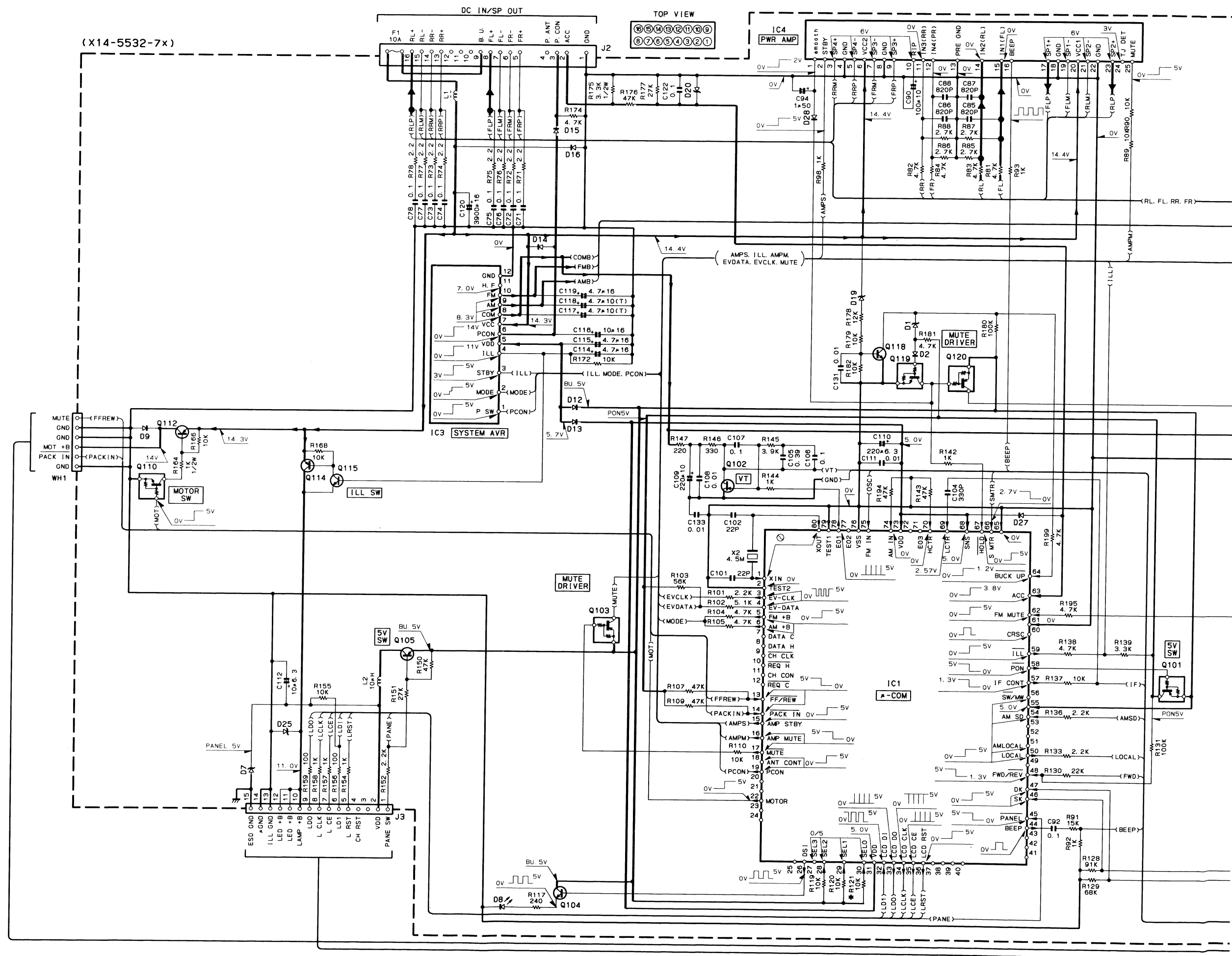
ABGLEICH

NR	GEGENSTAND	EINGANGS EINSTELLUNG	AUSGANGS EINSTELLUNG	TUNER (RECEIVER)	ABGLEICH PUNKTE	ABGLEICHEN FÜR	ABB.
UKW-ABTEILUNG							
1	DISKRI-MINATOR	(A) 98.1 MHz 0 Hub 60 dBμ (ANT-Eingang)	Ein Gleichstrom-Voltmeter an TP(F/E) anschließen.	FM 98.1 MHz	T (F/E)	0 V	(a)
2	ANRC	(C) 98.1 MHz 1 kHz, ±40 kHz Hub Pilot: ±6.0 kHz Hub Wahler: L or R 35 dBμ (ANT-Eingang)	(B)	FM 98.1 MHz	VR1	Trennung 10 dB	
SDK-ABTEILUNG							
3	DK PEGEL	(E) 98.1 MHz 0 mod SK 5.33% DK 30% BK 60% 60 dBμ (ANT-Eingang)	Ein Wechselstrom-Voltmeter an CN2 anschließen.	FM 98.1 MHz	VR2 L9	Maximale	(b)
MW-ABTEILUNG							
(1)	HALT PEGEL	(D) 990 kHz 0 mod 35 dBμ (ANT-Eingang)	—	MW 990 kHz	VR (F/E)	HALT	
CASSETTE DECK SECTION							
(1)	AZIMUTH	MTT-114 10 kHz	(B)	Bandwieder-gabe	Kopfazimuts-chraube	So einstellen, daß das Azimuth für jeweils L-CH/R-CH oder FWD/RVS maximal wird.	

ADJUSTMENT



*D TYPE ONLY



1

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PRE OUT

ANT

DC IN / SP OUT

IC4

J2

* J5

Q202

C212

Q201

R212

R211

R213

C211

C90

C120

R87

R8

R62

R85

R88

R84

C94

R43

R190

C63

C67

C66

C61

C65

C12

C10

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MODEL NAME (KRC-)	UNIT NO. (X14-553K-xx)	C	R121
151D	2-74/2-75	YES	YES
151LA/151L0	2-76/2-77	NO	NO

(X14-5532-7x)

IC1 : LC72358N-9288
 IC2 : TDA7420
 IC3 : BA3917-V4
 IC4 : TA8255AH
 IC5 : NJM4565M-TE2
 IC6 : TDA1579T

D1, 2, 11~14, 22, 26~28 : 1SS133
 D7 : UZ-6, 2BS(B)
 D8 : B30-1424-05
 D9, 15 : AM01Z
 D16 : RM10ZLF
 D19 : UZL-7(L3)
 D20 : UZ-5, 1BS(B)
 D25 : UZ-12BS(B)

Q6, 104, 115, 118 : 2SC2412K
 Q8, 119, 122, 301 : DTC144EK
 Q101, 103, 120 : DTA144EK
 Q102 : 2SK536
 Q105 : 2SA1037K
 Q110 : DTC114YK
 Q112 : 2SB1443
 Q114 : 2SB1184

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

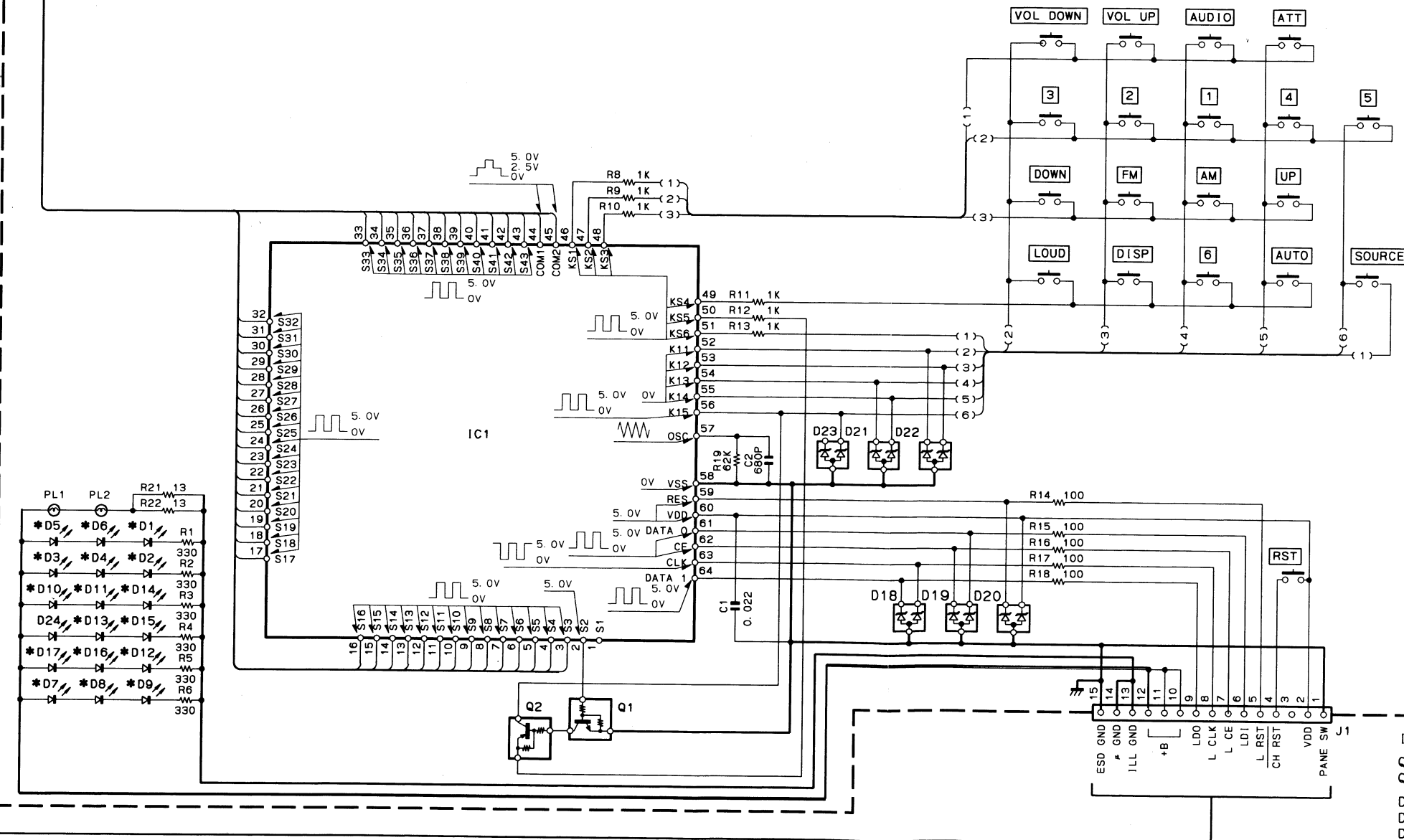
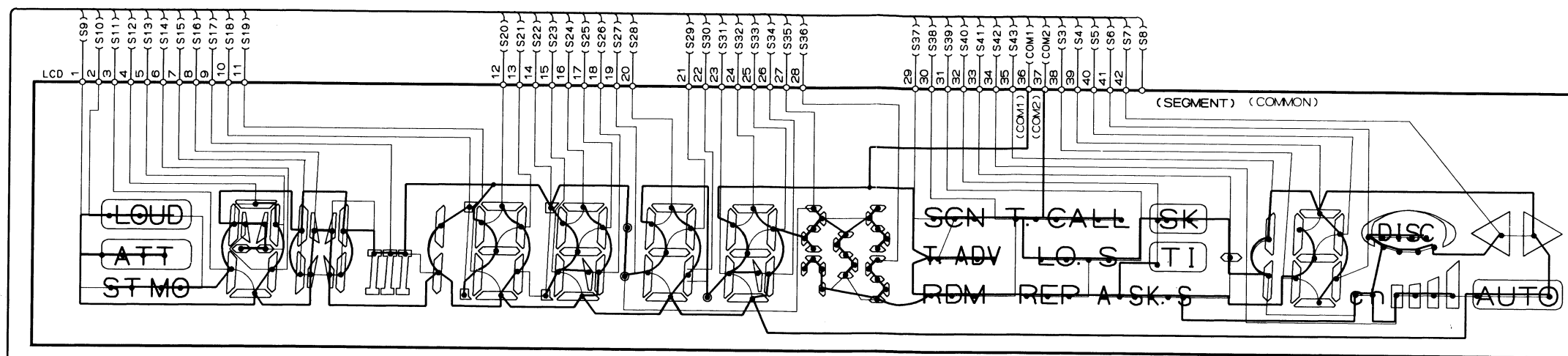
— SIGNAL LINE
 — GND LINE
 — +B LINE
 - - -B LINE

1/2

KRC-151D/L

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(X13-898x-xx)



TO X14 J3
A

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

MODEL NAME (KRC-)	UNIT NO. (X13-898)	D1~17
151D/151LG	0-10	B30-1395-05 (Pure Green)
151LA	2-72	B30-1371-05 (Amber)

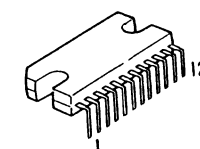
IC1 : LC75852E
Q1 : DTC144EK
Q2 : DTA144EK
D1~17 : *
D18~23 : UZMA6. 2F
D24 : B30-1424-05

— SIGNAL LINE
— GND LINE
— +B LINE
- - - -B LINE

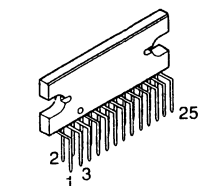
DTA144EK
DTC114YK
DTC144EK
2SA1037K
2SC2412K



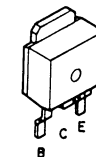
BA3917-V4



TA8255AH

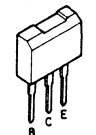


2SB1184



LC72358N-9288

2SB1443

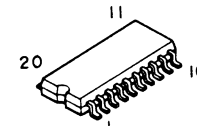


NJM4565M-TE2

2SK536

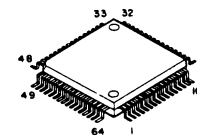


TDA1579T



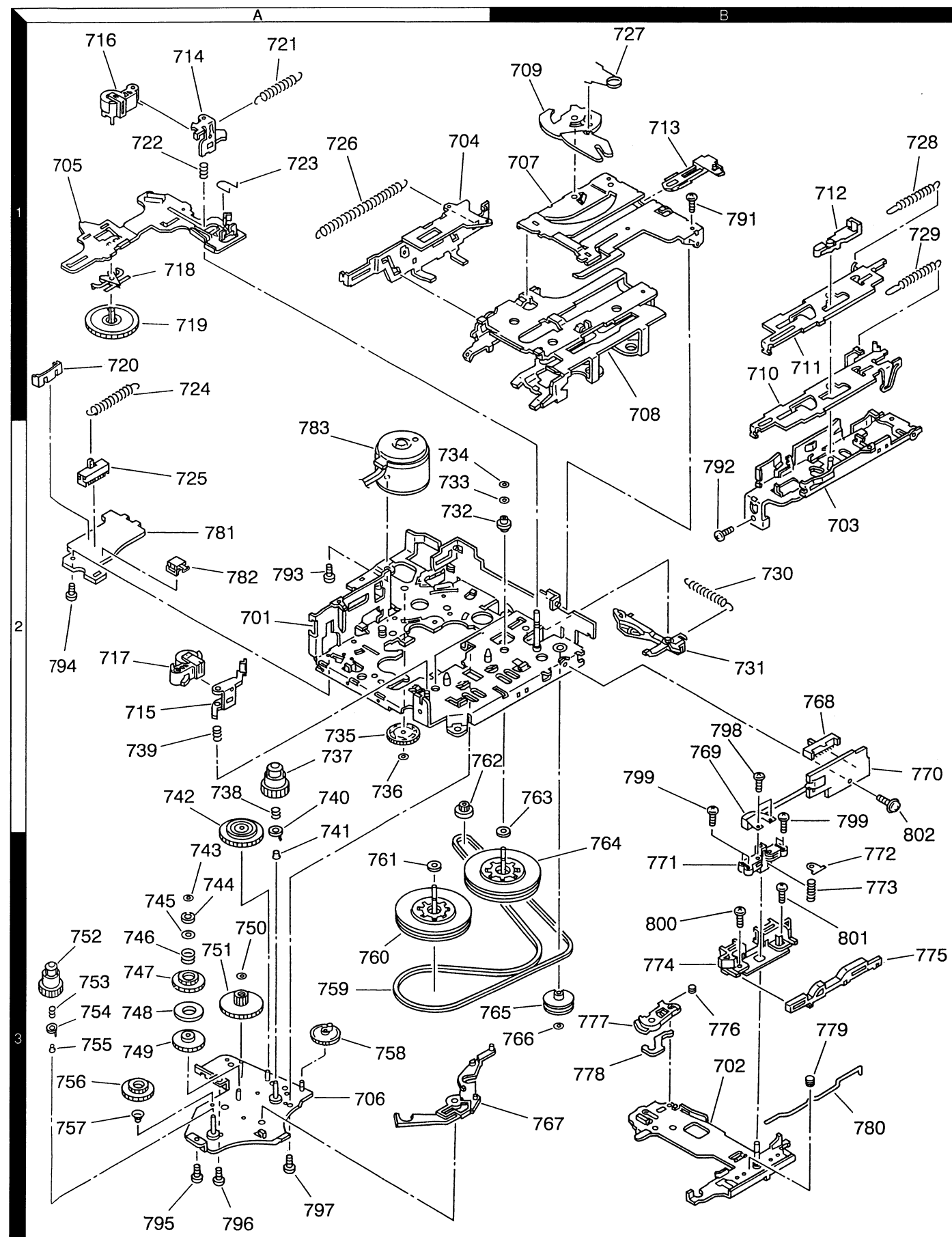
LC75852E

TDA7420



KRC-151D/L

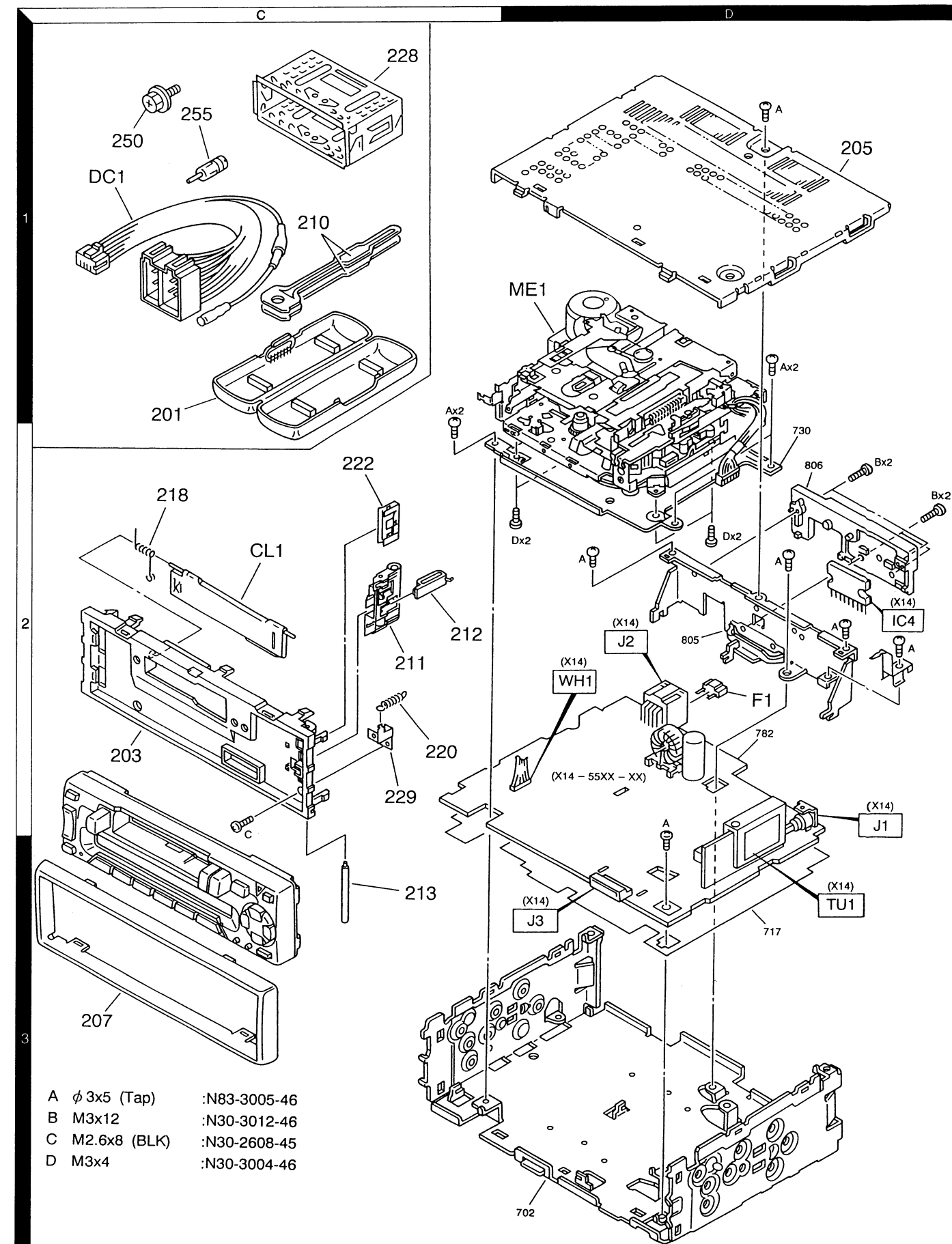
EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-151D/L

EXPLODED VIEW (UNIT)

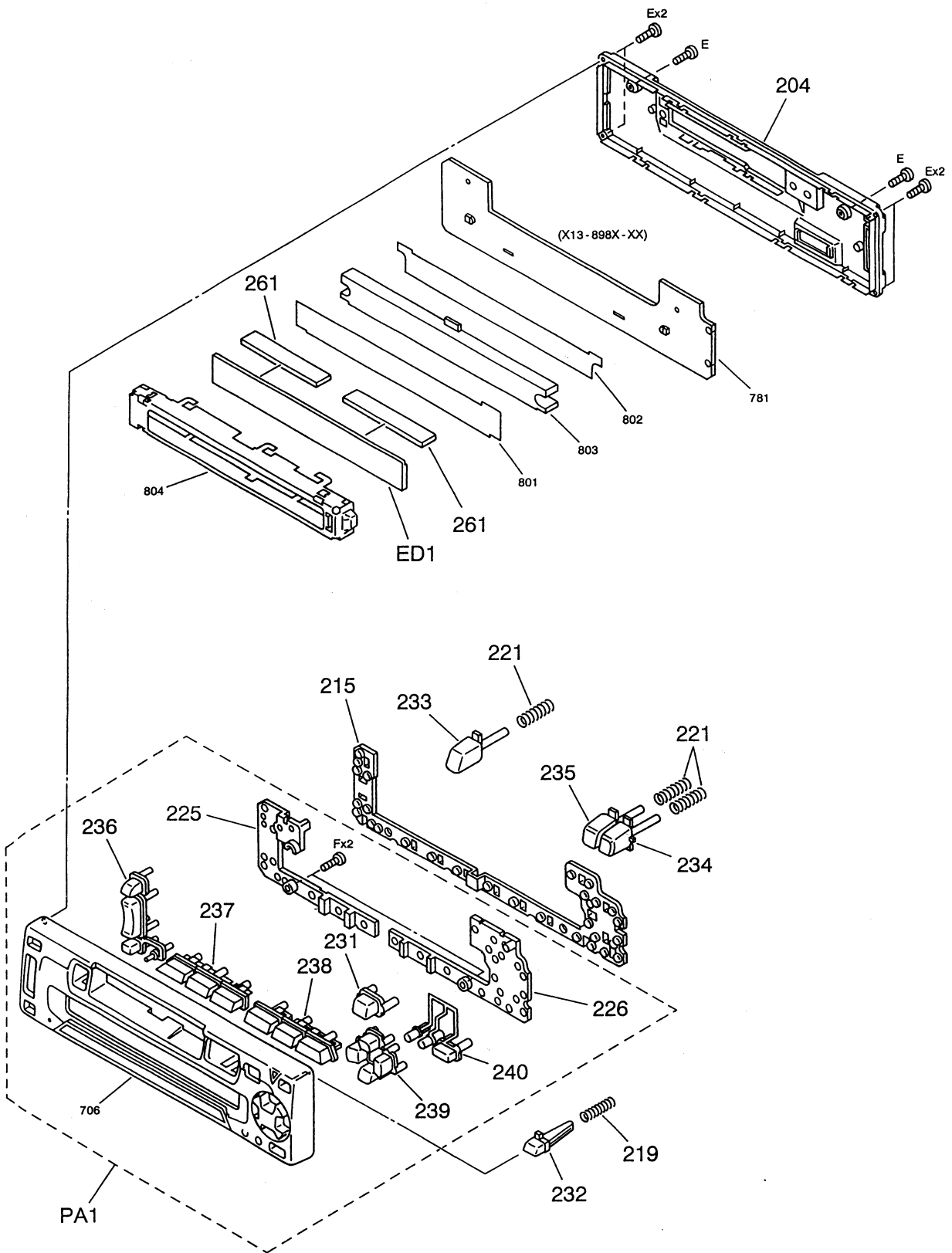


Parts with the exploded numbers larger than 700 are not supplied.

KRC-151D/L

EXPLODED VIEW (UNIT)

E $\phi 2 \times 8$ (Tap) BLK :N80-2008-45
F $\phi 2 \times 6$ (Tap) :N80-2006-46



KRC-151D/L

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No.	New Parts	Parts No.	Description	Destination
参照番号	新	部品番号	部品名 / 規格	仕向
KRC-151D/L				
201	1C	A02-1444-03	PLASTIC CABINET ASSY	
203	2C	A22-1278-01	SUB PANEL	
204	1F	A46-1258-01	REAR COVER	
205	1D	A52-0707-02	TOP PLATE	
CL1	2C	A53-1638-03	CASSETTE LID	
PA1	3E	* A64-0882-02	PANEL ASSY (KRC-151L)	E1E4
PA1	3E	* A64-0883-02	PANEL ASSY (KRC-151D)	E7
207	3C	B07-2081-02	ESCUTCHEON	
-		B64-0938-00	INST. MANUAL (FRE, GER, ITA)	E1E4E7
-		B64-0940-00	INST. MANUAL (ENG, DUT, SPA)	E1E4
210	1C	D10-3031-04	LEVER	
211	2C	D10-4051-03	LEVER	
212	2C	D10-4052-03	LEVER	
213	3C	D21-2250-04	SHAFT	
ME1	1D	D40-1088-05	CASSETTE MECHANISM ASSY	
215	2E	E29-1515-02	CONDUCTIVE RUBBER	
△ DC1	1C	E30-4438-05	DC CORD	E1E4E7
△ F1	2D	F52-0006-05	FUSE (MINI BLADE TYPE) (10A)	
218	2C	G01-2525-04	TORSION COIL SPRING	
219	3F	G01-2738-04	COMPRESSION SPRING	
220	2C	G01-2792-04	EXTENSION SPRING	
221	2F	G01-2793-04	COMPRESSION SPRING	
222	2C	G02-1244-03	FLAT SPRING	
-		H10-4555-02	POLYSTYRENE FOAMED FIXTURE	
-		H25-0329-04	PROTECTION BAG (280X450X0.03)	E7
-		H25-0337-04	PROTECTION BAG (180X300X0.03)	
-		H25-1111-04	PROTECTION BAG (280X450X0.03)	E1E4
-	*	H54-0760-04	ITEM CARTON CASE (KRC-151LA)	E1
-	*	H54-0762-04	ITEM CARTON CASE (KRC-151LG)	E4
-	*	H54-0764-04	ITEM CARTON CASE (KRC-151D)	E7
225	2E	J19-4698-02	HOLDER	
226	3F	J19-4700-02	HOLDER	
228	1C	J21-7630-13	MOUNTING HARDWARE ASSY	
229	2C	J21-7726-04	MOUNTING HARDWARE	
231	3E	K24-1762-04	KNØB (SRC)	
232	3F	K24-1763-04	KNØB (RELEASE)	
233	2E	K24-1764-04	KNØB (EJECT)	
234	2F	K24-1765-04	KNØB (FF)	
235	2F	K24-1766-04	KNØB (REW)	
236	3E	K25-0786-03	KNØB (AUD)	
237	3E	K25-0788-03	KNØB (1,2,3)	
238	3E	K25-0789-03	KNØB (4,5,6)	
239	3E	K25-0790-03	KNØB (FM, AM)	
240	3E	K25-0791-03	KNØB (CLK)	
250	1C	N09-1885-05	SEMS (MACHINE SCREW)	E1E4E7
A	1D	N83-3005-46	PAN HEAD TAPTITE SCREW	
C	2C	N30-2608-45	PAN HEAD MACHINE SCREW	
D	2D	N30-3004-46	PAN HEAD MACHINE SCREW	
E	1F	N80-2008-45	PAN HEAD TAPTITE SCREW	
F	3E	N80-2006-46	PAN HEAD TAPTITE SCREW	

Ref. No.	New Parts	Parts No.	Description	Destination
参照番号	新	部品番号	部品名 / 規格	仕向
1C		T90-0512-05	ANTENNA ADAPTOR	E1E4E7
SWITCH UNIT (X13-898X-XX)				
D1 -17		B30-1371-05	LED (KRC-151LA)	E1
D1 -17		B30-1395-05	LED (KRC-151LG)	E4
D1 -17		B30-1395-05	LED (KRC-151D)	E7
D24		B30-1424-05	LED	
ED1		B38-0667-05	LIQUID CRYSTAL	
PL1 , 2		B30-1483-05	LAMP	
C1		CK73FB1H223KTA	CHIP C 0.022UF K	
C2		CK73FB1H681K	CHIP C 680PF K	
261	2E	E29-1516-04	CONDUCTIVE RUBBER	
J1		E59-0824-05	RECTANGULAR PLUG	
R1 -6		RK73EB2B331J	CHIP R 330 J 1/8W	
R8 -13		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R14 -18		RK73FB2A101J	CHIP R 100 J 1/10W	
R19		RK73FB2A623J	CHIP R 62K J 1/10W	
R21 , 22		RK73EB2B130J	CHIP R 13 J 1/8W	
D18 -23		UZMA6.2F	ZENER DIODE	
IC1		LC75852E	MOS-IC	
Q1		DTC144EK	DIGITAL TRANSISTOR	
Q1		UN2213	DIGITAL TRANSISTOR	
Q2		DTA144EK	DIGITAL TRANSISTOR	
Q2		UN2113	DIGITAL TRANSISTOR	
SYNTHESIZER UNIT (X14-5532-7X)				
D8		B30-1424-05	LED	E1E4E7
C3 , 4		CK73FB1H821K	CHIP C 820PF K	E1E4E7
C7 , 8		CC73FCH1H470J	CHIP C 47PF J	E1E4E7
C9 , 10		CK73FB1H153KTA	CHIP C 0.015UF K	E1E4E7
C11 , 12		C90-2595-05	ELECTRO 4.7UF 16WV	E1E4E7
C13 , 14		C90-2600-05	ELECTRO 2.2UF 35WV	E1E4E7
C15 , 16		CK73FB1H152K	CHIP C 1500PF K	E1E4E7
C17 , 18		C90-2600-05	ELECTRO 2.2UF 35WV	E1E4E7
C19 -22		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C23 -26		C90-2592-05	ELECTRO 10UF 6.3WV	E1E4E7
C27 , 28		CK73FB1H122K	CHIP C 1200PF K	E1E4E7
C41		CE04CW1A470M	ELECTRO 47UF 10WV	E1E4E7
C42		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C43		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C44		CK73FB1C154K	CHIP C 0.15UF K	E1E4E7
C45 , 46		CK73FB1H102K	CHIP C 1000PF K	E1E4E7
C47		CC73FCH1H271J	CHIP C 270PF J	E1E4E7
C48		CK73FB1E473KTA	CHIP C 0.047UF K	E1E4E7
C54		CK73FB1H223KTA	CHIP C 0.022UF K	E1E4E7
C55		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C61		C90-2854-05	ELECTRO 10UF 10WV	E1E4E7
C62		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C63 , 64		C90-2608-05	ELECTRO 1.0UF 50WV	E1E4E7
C65		CK73EB1E274K	CHIP C 0.27UF K	E1E4E7
C66		C90-2608-05	ELECTRO 1.0UF 50WV	E1E4E7
C67		CK73FB1C823K	CHIP C 0.082UF K	E1E4E7
C68		C90-2608-05	ELECTRO 1.0UF 50WV	E1E4E7

E1: KRC-151LA
E4: KRC-151LG
E7: KRC-151D

△ indicates safety critical components.

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

SYNTHESIZER UNIT (X14-5532-7X)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
C69		CK73FB1E473KTA	CHIP C 0.047UF K	E1E4E7
C71 -78		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C85 -88		CK73FB1H021K	CHIP C 820PF K	E1E4E7
C90		CE04CW1A101M	ELECTRO 100UF 10WV	E1E4E7
C92		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C94		C90-2608-05	ELECTRO 1.0UF 50WV	E1E4E7
C101,102		CC73FCH1H220J	CHIP C 22PF J	E1E4E7
C104		CK73FB1H331K	CHIP C 330PF K	E1E4E7
C105		C91-2139-05	CHIP CAPACITOR	E1E4E7
C106,107		C93-1032-05	CERAMIC 0.10UF K	E1E4E7
C108		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C109		CE04CW1A221M	ELECTRO 220UF 10WV	E1E4E7
C110		CE04CW0J221M	ELECTRO 220UF 6.3WV	E1E4E7
C111		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C112		C90-2592-05	ELECTRO 10UF 6.3WV	E1E4E7
C114,115		C90-2595-05	ELECTRO 4.7UF 16WV	E1E4E7
C116		C90-2597-05	ELECTRO 10UF 16WV	E1E4E7
C117,118		C92-0009-05	CHIP-TAN 4.7UF 10WV	E1E4E7
C119		C90-2595-05	ELECTRO 4.7UF 16WV	E1E4E7
C120		C90-2856-05	ELECTRO 3900UF 16WV	E1E4E7
C122		CK73FB1C104K	CHIP C 0.10UF K	E1E4E7
C123		CE04DW1A470M	ELECTRO 47UF 10WV	E1E4E7
C125		CE04CW1A470M	ELECTRO 47UF 10WV	E1E4E7
C127		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C129		CK73FB1E393KTA	CHIP C 0.039UF K	E1E4E7
C130		CE04DW1A470M	ELECTRO 47UF 10WV	E1E4E7
C131		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C133		CK73FB1H103K	CHIP C 0.010UF K	E1E4E7
C134		CK73FB1H153KTA	CHIP C 0.015UF K	E1E4E7
C301		C90-2592-05	ELECTRO 10UF 6.3WV	E7
C302		CK73FB1H103K	CHIP C 0.010UF K	E7
C303,304		C93-0026-05	CHIP C 0.068UF 50WV	E7
C305		C90-2594-05	ELECTRO 10UF 10WV	E7
C306		CK73FB1C104K	CHIP C 0.10UF K	E7
C307		C90-2595-05	ELECTRO 4.7UF 16WV	E7
C308,309		C91-2050-05	CERAMIC 0.068UF Z	E7
C310		C93-0024-05	CERAMIC 0.15UF 16WV	E7
C311		CE04CW1A330M	ELECTRO 33UF 10WV	E7
C312		CC73FCH1H560J	CHIP C 56PF J	E7
C313		CK73FB1H103K	CHIP C 0.010UF K	E7
C314,315		C93-0026-05	CHIP C 0.068UF 50WV	E7
C316		C93AP2A332J	POLYPRO 3300PF J	E7
CN1		E40-3240-05	PIN ASSY	E1E4E7
CN2		E40-3640-05	PIN ASSY	E7
J1		E04-0306-05	RF COAXIAL CABLE RECEPTACLE	E1E4E7
J2		E58-0836-05	RECTANGULAR RECEPTACLE	E1E4E7
J3		E58-0854-05	RECTANGULAR RECEPTACLE	E1E4E7
WH1		E39-0091-15	WIRING HARNESS	E1E4E7
L1		L33-1074-05	CHOKE COIL	E1E4E7
L2		L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	E1E4E7
L7		L33-1039-05	LINE FILTER COIL	E1E4E7
L8		L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	E1E4E7
L9		L39-0156-05	TRAP COIL	E7
Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
L11		L92-0308-05	FERRITE CORE	E1E4E7
X1		L78-0545-05	RESONATOR (CSB456FB38,AN)	E1E4E7
X2		L77-1163-05	CRYSTAL RESONATOR(4.5M)	E1E4E7
X2		L77-1165-05	CRYSTAL RESONATOR(4.5MHZ)	E1E4E7
A	2D	N83-3005-46	PAN HEAD TAPTITE SCREW	E1E4E7
B	2D	N30-3012-46	PAN HEAD MACHINE SCREW	E1E4E7
R1 ,2		RK73FB2A513J	CHIP R 51K J 1/10W	E1E4E7
R3 ,4		RK73FB2A304J	CHIP R 300K J 1/10W	E1E4E7
R5 ,6		RK73FB2A682J	CHIP R 6.8K J 1/10W	E1E4E7
R7 ,8		RK73FB2A751J	CHIP R 750 J 1/10W	E1E4E7
R9 ,10		RK73FB2A622J	CHIP R 6.2K J 1/10W	E1E4E7
R11 ,12		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R13 -16		RK73FB2A101J	CHIP R 100 J 1/10W	E1E4E7
R42		RK73FB2A302J	CHIP R 3.0K J 1/10W	E1E4E7
R43		RK73FB2A432J	CHIP R 4.3K J 1/10W	E1E4E7
R44		RK73FB2A184J	CHIP R 180K J 1/10W	E1E4E7
R45		RK73FB2A100J	CHIP R 10 J 1/10W	E1E4E7
R46 ,47		RK73FB2A104J	CHIP R 100K J 1/10W	E1E4E7
R48		RK73FB2A271J	CHIP R 270 J 1/10W	E1E4E7
R49		RK73FB2A183J	CHIP R 18K J 1/10W	E1E4E7
R50		RK73FB2A683J	CHIP R 68K J 1/10W	E1E4E7
R61		RK73FB2A100J	CHIP R 10 J 1/10W	E1E4E7
R62		RK73FB2A332J	CHIP R 3.3K J 1/10W	E1E4E7
R71 -78		RK73EB2B2R2J	CHIP R 2.2 J 1/8W	E1E4E7
R81 -84		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R85 -88		RK73FB2A272J	CHIP R 2.7K J 1/10W	E1E4E7
R89		RK73FB2A103J	CHIP R 10K J 1/10W	E1E4E7
R91		RK73FB2A153J	CHIP R 15K J 1/10W	E1E4E7
R92 ,93		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R96		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R101		RK73FB2A222J	CHIP R 2.2K J 1/10W	E1E4E7
R102		RK73FB2A512J	CHIP R 5.1K J 1/10W	E1E4E7
R103		RK73FB2A563J	CHIP R 56K J 1/10W	E1E4E7
R104,105		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R107		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R109		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R110		RK73FB2A103J	CHIP R 10K J 1/10W	E1E4E7
R119-121		RK73FB2A103J	CHIP R 10K J 1/10W	E7
R119,120		RK73FB2A103J	CHIP R 10K J 1/10W	E1E4
R130		RK73FB2A223J	CHIP R 22K J 1/10W	E1E4E7
R135		RK73FB2A100J	CHIP R 10 J 1/10W	E1E4E7
R138		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R139		RK73FB2A332J	CHIP R 3.3K J 1/10W	E1E4E7
R142		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R144		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R145		RK73FB2A392J	CHIP R 3.9K J 1/10W	E1E4E7
R146		RK73FB2A331J	CHIP R 330 J 1/10W	E1E4E7
R147		RK73FB2A221J	CHIP R 220 J 1/10W	E1E4E7
R150		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R151		RK73FB2A273J	CHIP R 27K J 1/10W	E1E4E7
R152		RK73EB2B222J	CHIP R 2.2K J 1/8W	E1E4E7
R154		RK73EB2B102J	CHIP R 1.0K J 1/8W	E1E4E7
R156		RK73EB2B101J	CHIP R 100 J 1/8W	E1E4E7
R157,158		RK73EB2B102J	CHIP R 1.0K J 1/8W	E1E4E7

E1: KRC-151LA
E4: KRC-151LG
E7: KRC-151D

⚠ indicates safety critical components.

KRC-151D/L

PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

SYNTHESIZER UNIT (X14-5532-7X)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R159		RK73FB2B101J	CHIP R 100 J 1/8W E1E4E7	
R164		RD14DB2H102J	SMALL-RD 1.0K J 1/2W E1E4E7	
R174		RK73FB2B472J	CHIP R 4.7K J 1/8W E1E4E7	
R175		RD14DB2H332J	SMALL-RD 3.3K J 1/2W E1E4E7	
R177		RK73FB2A273J	CHIP R 27K J 1/10W E1E4E7	
R183		RK73FB2A393J	CHIP R 39K J 1/10W E1E4E7	
R184		RK73FB2A473J	CHIP R 47K J 1/10W E1E4E7	
R185		RK73FB2A151J	CHIP R 150 J 1/10W E1E4E7	
R186		RK73FB2A562J	CHIP R 5.6K J 1/10W E1E4E7	
R187		RK73FB2A103J	CHIP R 10K J 1/10W E1E4E7	
R188		RK73FB2A182J	CHIP R 1.8K J 1/10W E1E4E7	
R190		RK73FB2A102J	CHIP R 1.0K J 1/10W E1E4E7	
R193		RK73FB2A183J	CHIP R 18K J 1/10W E1E4E7	
R194		RK73FB2A473J	CHIP R 47K J 1/10W E1E4E7	
R195		RK73FB2A472J	CHIP R 4.7K J 1/10W E1E4E7	
R196		RK73FB2A222J	CHIP R 2.2K J 1/10W E1E4E7	
R199		RK73FB2A472J	CHIP R 4.7K J 1/10W E1E4E7	
R301		RK73FB2A222J	CHIP R 2.2K J 1/10W E7	
R303		RK73FB2A101J	CHIP R 100 J 1/10W E7	
R304		RK73FB2A623J	CHIP R 62K J 1/10W E7	
R305		RK73FB2A473J	CHIP R 47K J 1/10W E7	
R306		RK73FB2A564J	CHIP R 560K J 1/10W E7	
R307		RK73FB2A683J	CHIP R 68K J 1/10W E7	
R308		RK73FB2A473J	CHIP R 47K J 1/10W E7	
R309		RK73FB2A684J	CHIP R 680K J 1/10W E7	
R310		RK73FB2A224J	CHIP R 220K J 1/10W E7	
R311		RK73FB2A431J	CHIP R 430 J 1/10W E7	
R312		RK73FB2A104J	CHIP R 100K J 1/10W E7	
R313		RK73FB2A182J	CHIP R 1.8K J 1/10W E7	
R314		RK73FB2A474J	CHIP R 470K J 1/10W E7	
R315		RK73FB2A273J	CHIP R 27K J 1/10W E7	
R316		RK73FB2A101J	CHIP R 100 J 1/10W E7	
R317		RK73FB2A563J	CHIP R 56K J 1/10W E7	
R318		RK73FB2A333J	CHIP R 33K J 1/10W E7	
R319		RK73FB2A123J	CHIP R 12K J 1/10W E7	
R320		RK73FB2A244J	CHIP R 240K J 1/10W E7	
R321		RK73FB2A2R2J	CHIP R 2.2 J 1/10W E7	
VR1		R12-0679-05	TRIMMING POT.(22K ㏽)	E1E4E7
VR2		R12-0605-05	TRIMMING POT.(220 ㏽)	E7
D1 ,2		1SS133	DIODE	E1E4E7
D7		UZ-6.2BS(B)	ZENER DIODE	E1E4E7
D9		AM01Z	DIODE	E1E4E7
D9		ERA15-01	DIODE	E1E4E7
D11 -14		1SS133	DIODE	E1E4E7
D15		AM01Z	DIODE	E1E4E7
D15		ERA15-01	DIODE	E1E4E7
D16		RM10ZLF	DIODE	E1E4E7
D19		UZL-7(L3)	ZENER DIODE	E1E4E7
D20		UZ-5.1BS(B)	ZENER DIODE	E1E4E7
D22		1SS133	DIODE	E1E4E7
D25		UZ-12BS(B)	ZENER DIODE	E1E4E7
D26 -28		1SS133	DIODE	E1E4E7
IC1		LC72358N-9288	MI-COM IC	E1E4E7
IC2		TDA7420	ANALOGUE IC	E1E4E7

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
IC3		BA3917-V4	ANALOGUE IC	E1E4E7
IC4		TA8255AH	ANALOGUE IC	E1E4E7
IC5		NJM4565M-TE2	ANALOGUE IC	E7
IC6		TDA1579T	IC(DECODER)	E7
Q6		2SC2412K	TRANSISTOR	E1E4E7
Q8		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q8		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q101		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q101		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q102		2SK536	FET	E1E4E7
Q103		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q103		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q104		2SC2412K	TRANSISTOR	E1E4E7
Q105		2SA1037K	TRANSISTOR	E1E4E7
Q110		DTC114YK	DIGITAL TRANSISTOR	E1E4E7
Q110		UN2214	DIGITAL TRANSISTOR	E1E4E7
Q112		2SB1443	TRANSISTOR	E1E4E7
Q114		2SB1184	TRANSISTOR	E1E4E7
Q115		2SC2412K	TRANSISTOR	E1E4E7
Q118		2SC2412K	TRANSISTOR	E1E4E7
Q119		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q119		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q120		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q120		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q122		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q122		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q301		DTC144EK	DIGITAL TRANSISTOR	E7
Q301		UN2213	DIGITAL TRANSISTOR	E7
TH1		NT732ATD33KJ	THERMISTOR	E1E4E7
TU1 3D		W02-1512-05	FM/AM FRONT-END	E1E4E7

E1: KRC-151LA
E4: KRC-151LG
E7: KRC-151D

indicates safety critical components.

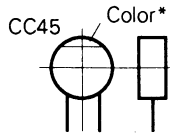
KRC-151D/L

PARTS LIST

CAPACITORS

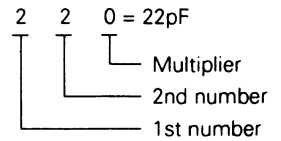
CC 45 TH 1H 220 J
1 2 3 4 5 6

- 1 = Type ... ceramic, electrolytic, etc. 4 = Voltage rating
2 = Shape ... round, square, ect. 5 = Value
3 = Temp. coefficient 6 = Tolerance



Capacitor value

- 010 = 1pF
100 = 10pF
101 = 100pF
102 = 1000pF = 0.001μF
103 = 0.01μF



Temperature coefficient

1st Word	C	L	P	R	S	T	U
Color*	Black	Red	Orange	Yellow	Green	Blue	Violet
ppm/°C	0	-80	-150	-220	-330	-470	-750

2nd Word	G	H	J	K	L
ppm/°C	±30	±60	±120	±250	±500

Example : CC45TH = -470 ± 60ppm/°C

Tolerance (More than 10pF)

Code	C	D	G	J	K	M	X	Z	P	No code
(%)	±0.25	±0.5	±2	±5	±10	±20	+40 -20	+80 -20	+100 -0	More than 10μF - 10 ~ +50 Less than 4.7μF -10 ~ +75

(Less than 10pF)

Code	B	C	D	F	G
(pF)	±0.1	±0.25	±0.5	±1	±2

Voltage rating

2nd word 1st word	A	B	C	D	E	F	G	H	J	K	V
0	1.0	1.25	1.6	2.0	2.5	3.15	4.0	5.0	6.3	8.0	-
1	10	12.5	16	20	25	31.5	40	50	63	80	35
2	100	125	160	200	250	315	400	500	630	800	-
3	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	-

Chip capacitors

- (EX) C C 7 3 F S L 1 H 0 0 0 J
1 2 3 4 5 6 7
(Chip) (CH, RH, UJ, SL)
- (EX) C K 7 3 F F 1 H 0 0 0 Z
1 2 3 4 5 6 7
(Chip) (B, F)
- Refer to the table above.
1 = Type
2 = Shape
3 = Dimension
4 = Temp. coefficient
5 = Voltage rating
6 = Value
7 = Tolerance

Dimension (Chip capacitors)

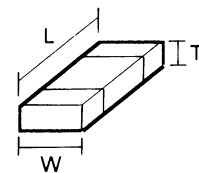
Dimension code	L	W	T
Empty	5.6 ± 0.5	5.0 ± 0.5	Less than 2.0
A	4.5 ± 0.5	3.2 ± 0.4	Less than 2.0
B	4.5 ± 0.5	2.0 ± 0.3	Less than 2.0
C	4.5 ± 0.5	1.25 ± 0.2	Less than 1.25
D	3.2 ± 0.4	2.5 ± 0.3	Less than 1.5
E	3.2 ± 0.2	1.6 ± 0.2	Less than 1.25
F	2.0 ± 0.3	1.25 ± 0.2	Less than 1.25
G	1.6 ± 0.2	0.8 ± 0.2	Less than 1.0

RESISTORS

Chip resistor (Carbon)

- (EX) R K 7 3 E B 2 B 0 0 0 J
1 2 3 4 5 6 7
(Chip) (B, F)

Dimension



Carbon resistor (Normal type)

- (EX) R D 1 4 B B 2 C 0 0 0 J
1 2 3 4 5 6 7

Dimension (Chip resistor)

Dimension code	L	W	T
E	3.2 ± 0.2	1.6 ± 0.2	1.0
F	2.0 ± 0.3	1.25 ± 0.2	1.0
G	1.6 ± 0.2	0.8 ± 0.2	0.5 ± 0.1

- 1 = Type 5 = Rating wattage
2 = Shape 6 = Value
3 = Dimension 7 = Tolerance
4 = Temp. coefficient

Rating wattage

Code	Wattage	Code	Wattage	Code	Wattage
1J	1/16W	2C	1/6W	3A	1W
2A	1/10W	2E	1/4W	3D	2W
2B	1/8W	2H	1/2W		

KRC-151D/L

SPECIFICATIONS

[FM]

Frequency Range (Frequency step) ..87.5MHz ~ 108.0MHz (50kHz)
Usable Sensitivity S/N : 26dB..... 9.3dBf (0.7μV/75Ω)
Quieting Sensitivity S/N : 46dB 15.2dBf (1.6μV/75Ω)
Frequency Response (±3.0dB) 30Hz ~ 15kHz
S/N 68dB (MONO)
Selectivity ≥ 80dB (±400kHz)
ST. Separation 35dB (1kHz)

[MW]

Frequency Range (Frequency step) .. 531kHz ~ 1611kHz (9kHz)
Usable Sensitivity S/N : 20dB.....30μV

[LW]

Frequency Range (Frequency step)..... 153kHz ~ 281kHz
Usable Sensitivity S/N : 20dB.....45μV

[CASSETTE DECK]

Tape Speed 4.76cm/sec.
Wow/Flutter (WRMS) 0.12% (WRMS)
Frequency Response (±3.0dB).....30kHz ~ 14kHz (120μs)
Separation 40dB (1kHz)
S/N (dB) 54dB

[AMP]

Maximum Power 20W × 4
Output power (DIN45324, +B = 14.4V)..... 16W × 4

[TONE]

Bass 100Hz ±10dB
Treble..... 10kHz ±10dB

[GENERAL]

Operating Voltage (11 ~ 16V allowable) 14.4V
Current Consumption.....7A (at rated power)
Installation Size (W × H × D)..... 182 × 53 × 154 (mm)
7-3/16 × 2-1/16 × 6-1/16 (inch)
Weight.....3.1lbs (1.4kg)

KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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CASSETTE RECEIVER

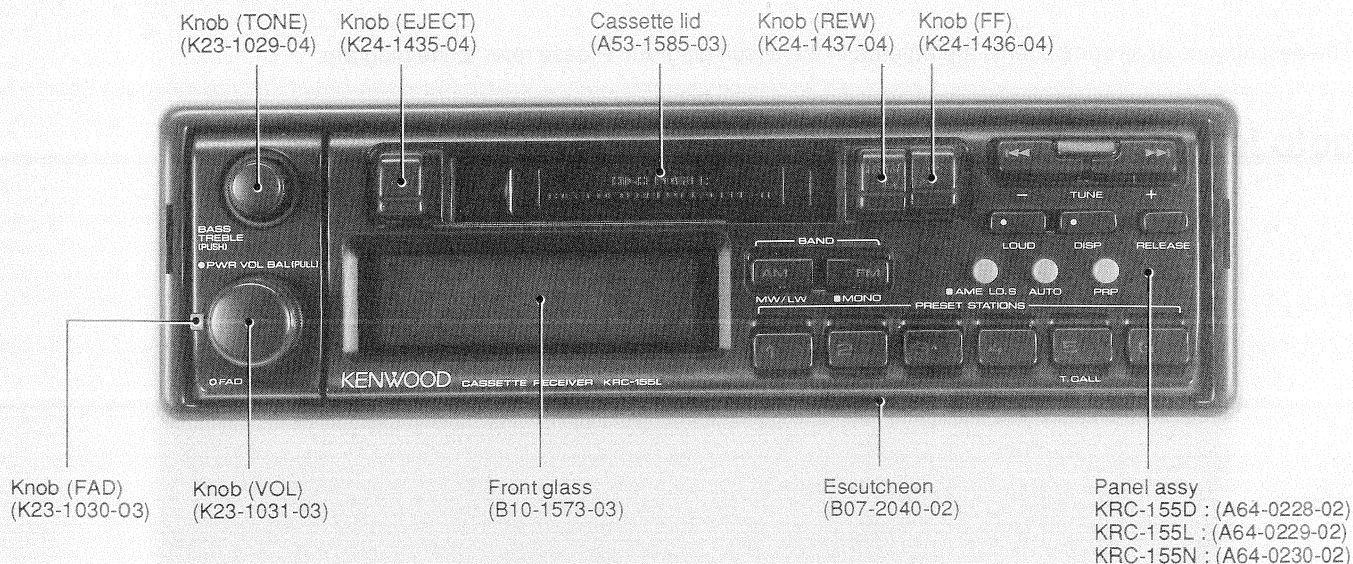
KRC-155D/L/N

SERVICE MANUAL

KENWOOD

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Photo is KRC-155L



Mounting hardware
(J21-7473-01)

Screw
(N09-1885-05)

Lever
(D10-2793-04)

Stay
(J54-0071-04)

DC cord
(E30-4145-05)

- Optional TDF KRC-155D: TDF-155D KRC-155L: TDF-155L KRC-155N: TDF-155N
(Not supplied as service parts.)

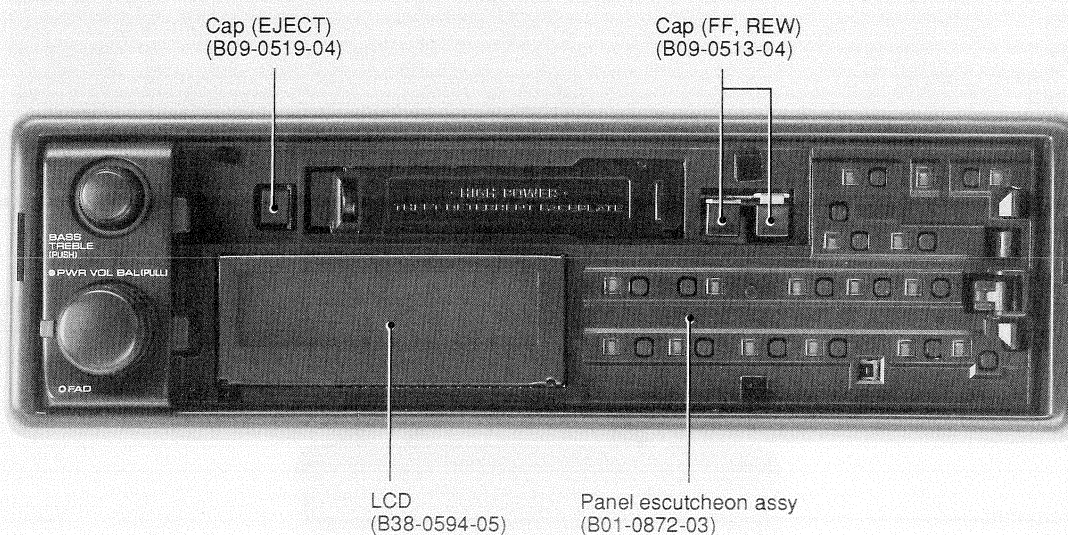
KRC-155D/L/N

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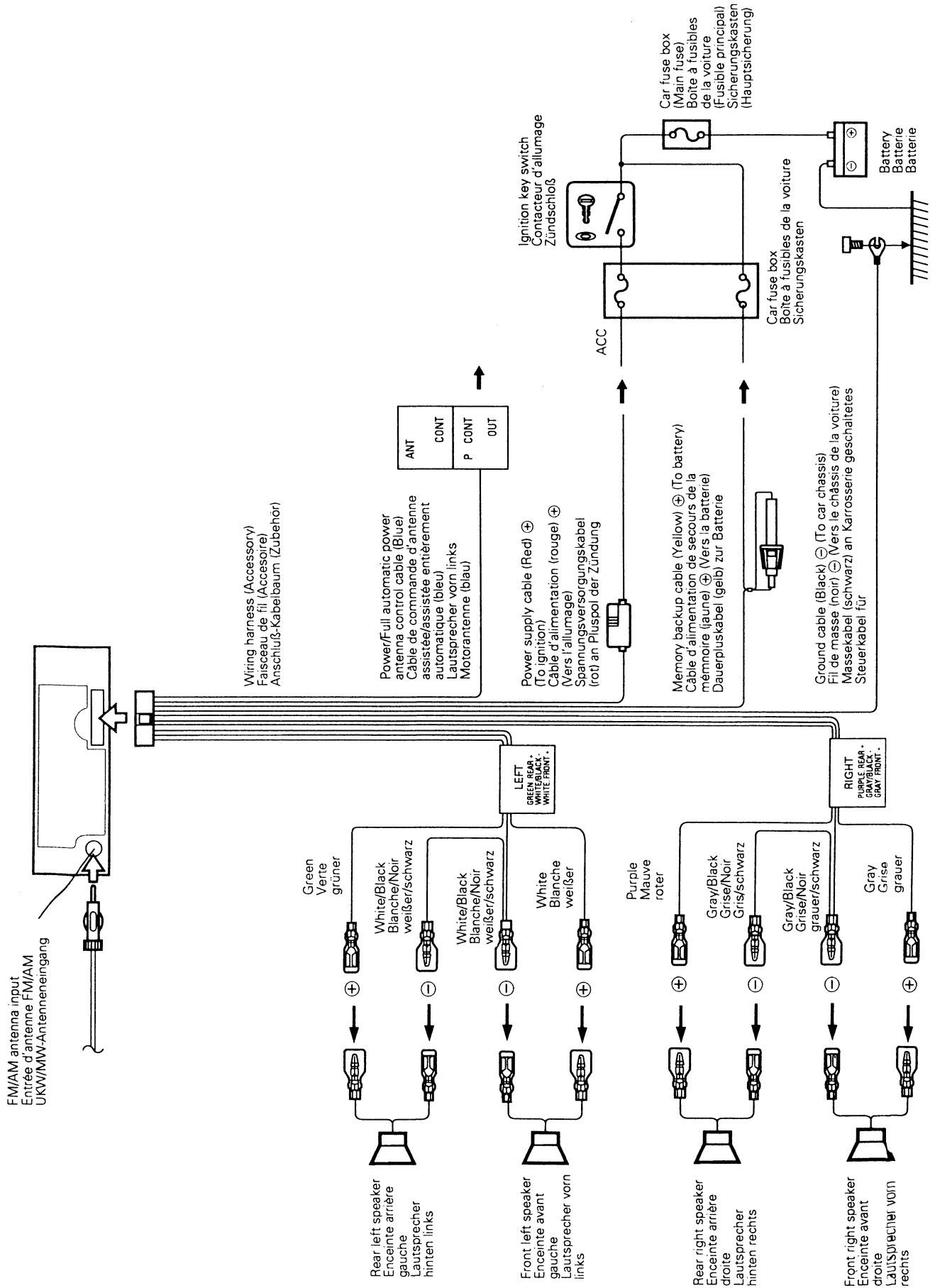
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- The descriptions of all components are entered in the circuit diagram. Please refer to the diagram.

Photo is KRC-155L

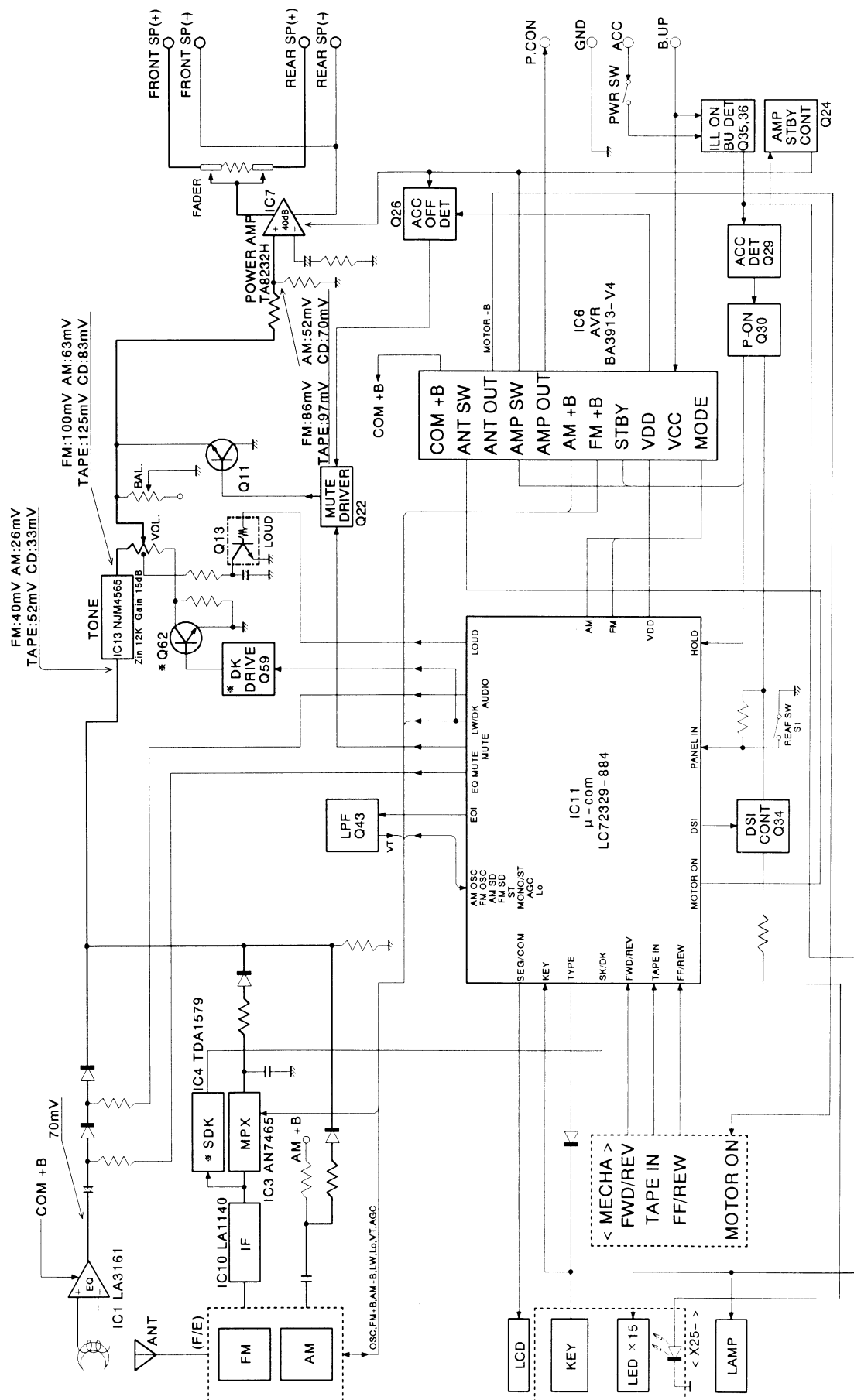


CONNECTIONS



KRC-155D/L/N

BLOCK DIAGRAM

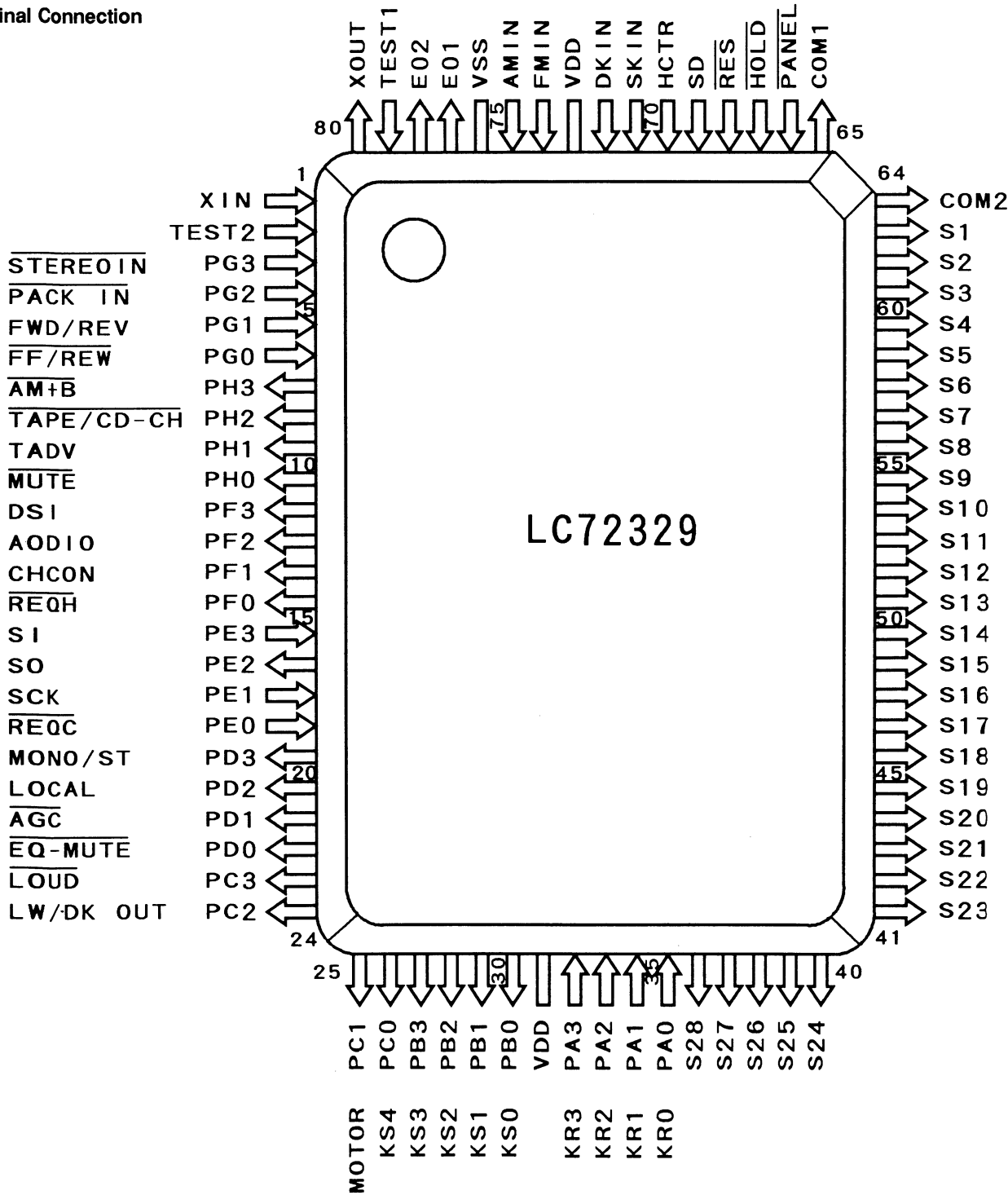


KRC-155D/L/N

CIRCUIT DESCRIPTION

IC11: LC72329-8846 (X14)
Microcomputer

Terminal Connection



KRC-155D/L/N

CIRCUIT DESCRIPTION

Terminal description

Pin No	Pin Name	I/O	Function	Description	When HOLD
3	PG3	I	$\overline{\text{STEREO IN}}$	Stereo broadcasting signal detect input. "L": Stereo.	–
4	PG2	I	$\overline{\text{TAPE IN}}$	Tape detect input. "L": Tape mode.	–
5	PG1	I	$\overline{\text{FWD/REV}}$	Tape transport direction detect input. "H": FWD, "L": REV	–
6	PG0	I	$\overline{\text{FF, REW}}$	Tape fast winding status detect input. "L": FF/REW.	–
7	PH3	O	$\overline{\text{AM+B}}$	Power control, For the logic, refer to the I/F sheet.	OPEN
8	PH2	O	$\overline{\text{TAPE/CD-CH}}$		L
9	PH1	O	T-ADV	T-ADV control circuit ON/OFF output. "H": ON	L
10	PH0	O	$\overline{\text{MUTE}}$	Audio muting control output. "L": ON	L (after 15s, H)
11	PF3	O	DSI	DSI output. "H": ON	Blinking
12	PF2	O	AUDIO	Audio signal switching output. Refer to the I/F sheet.	L
13	PF1	O	CHCON	CH changer ON output. "H": ON. Also used as audio signal switching output.	L
14	PF0	O	$\overline{\text{REQH}}$	Request HU. Communication request to CD changer.	L
15	PE3/SI	I	SI	Serial Input. DATA input from changer.	–
16	PE2/SO	O	SO	Serial Output. DATA output to changer.	L
17	PE1/SCK	I	SCK	Serial Data input. CLOCK input from changer.	L
18	PE0	I	$\overline{\text{REQC}}$	Request Changer. Communication request from changer.	–
19	PD3	O	MONO	Forced monaural output.	
20	PD2	O	LOC	Exclusive for Local output. AM/FM logic inversion.	L
21	PD1	O	$\overline{\text{AGC}}$	AGC cutting control output. "L": ON (FM), "H": ON (AM)	L
22	PD0	O	$\overline{\text{EQ-MUTE}}$	Tape equalizer muting control output. "L": ON.	L
23	PC3	O	$\overline{\text{LOUD}}$	Loudness control output. "L": ON	L
24	PC2	O	LW/DK out	Common for LW/DK outputs	L
25	PC1	O	MOTOR	Tape motor control.	L
26	PC0	O	KS4	Key Source output for initialization.	L
27-30	PB3-0	O	KS3-0	Key Source outputs.	L
31	VDD	–	VDD	5 V.	

CIRCUIT DESCRIPTION

Pin No	Pin Name	I/O	Function	Description	When HOLD
32-35	PA3-0	I	KR3-0	Key Return inputs. With pull-down resistance.	–
36-63	S28-1	O	SEG28-1	LCD segment outputs.	L
64, 65	COM2, 1	O	COM2, 1	LCD common outputs.	L
66	$\overline{\text{INT}}$	I	PANEL	Panel present switch.	
67	$\overline{\text{HOLD}}$	I	$\overline{\text{HOLD}}$	Power switch input.	Returns
68	$\overline{\text{RES}}$	I	RESET	(Connected to Vdd)	
69	ADI	I	SD in	(Vth = 2.5V) FM/AM station detect signal input. "H": Station detected.	–
70	HCTR	I	–	Connected to GND.	
71	LCTR	I	SK in	SK signal input.	
72	$\overline{\text{SNS}}$	I	DK in	DK signal input.	–
73	VDD	–	VDD	5 V.	
74, 75	FM, AM IN	I	FM IN, AM IN	VCO inputs.	
76	VSS	–	VSS	Connected to GND.	
77, 78	EO1, 2	O	EO1, 2	Phase detector error output.	
79, 2	TEST1, 2	I	–	(Connected to GND)	
80, 1	XOUT, IN	I/O	X OUT, IN	4.5 MHz X'tal connection.	

I/F sheet

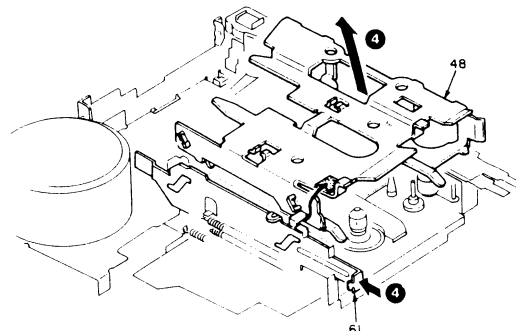
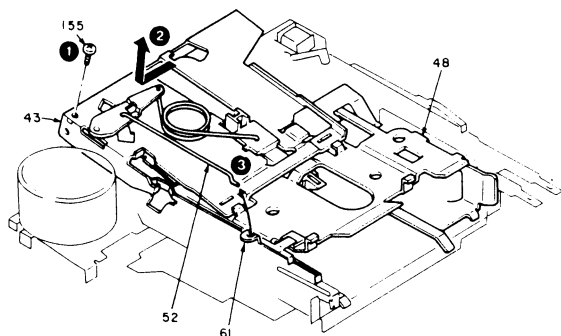
	AUDIO	$\overline{\text{AM+B}}$	$\overline{\text{TAPE/CD-CH}}$
TAPE mode	H	OPEN	L
TUNER mode	L	FM: OPEN AM: L	FM: OPEN AM: OPEN
CD-CH mode	H	OPEN	L
TAPE FF/REW	H	OPEN	L
TAPE T.CALL: FM TAPE T.CALL: AM	L L	OPEN L	OPEN

KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

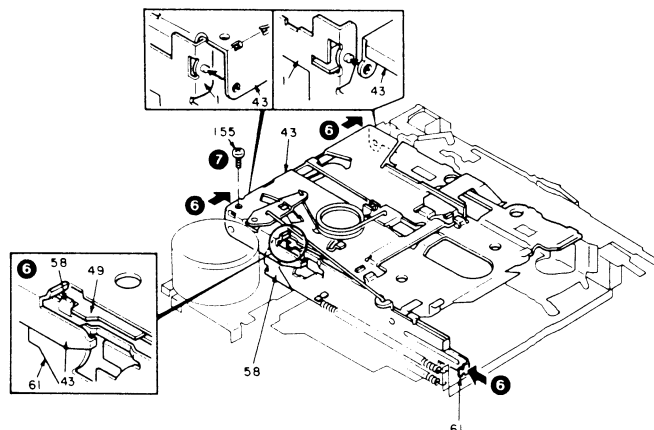
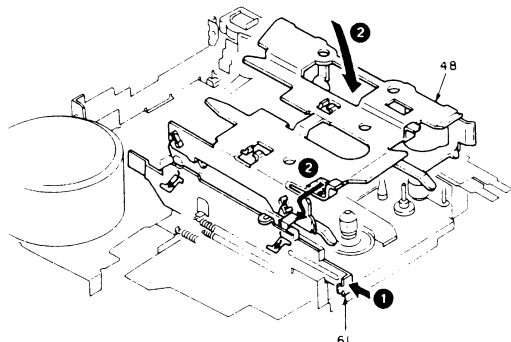
REMOVAL

1. Remove screw (155) (❶).
2. Rotate the lifter (43) to the left and lift it up to remove (❷).
3. Remove the rod (52) from the eject lever (61) (❸).
4. While pressing in on the eject lever (61), remove the holder (48) (❹).

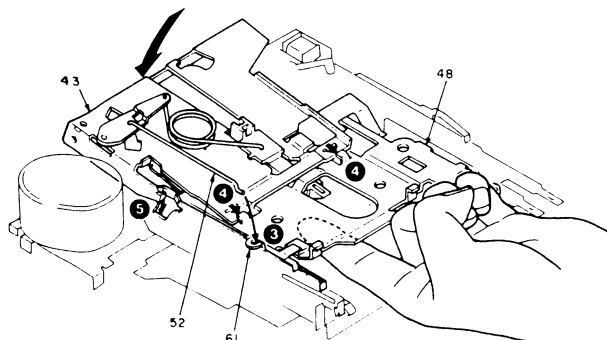


SET UP

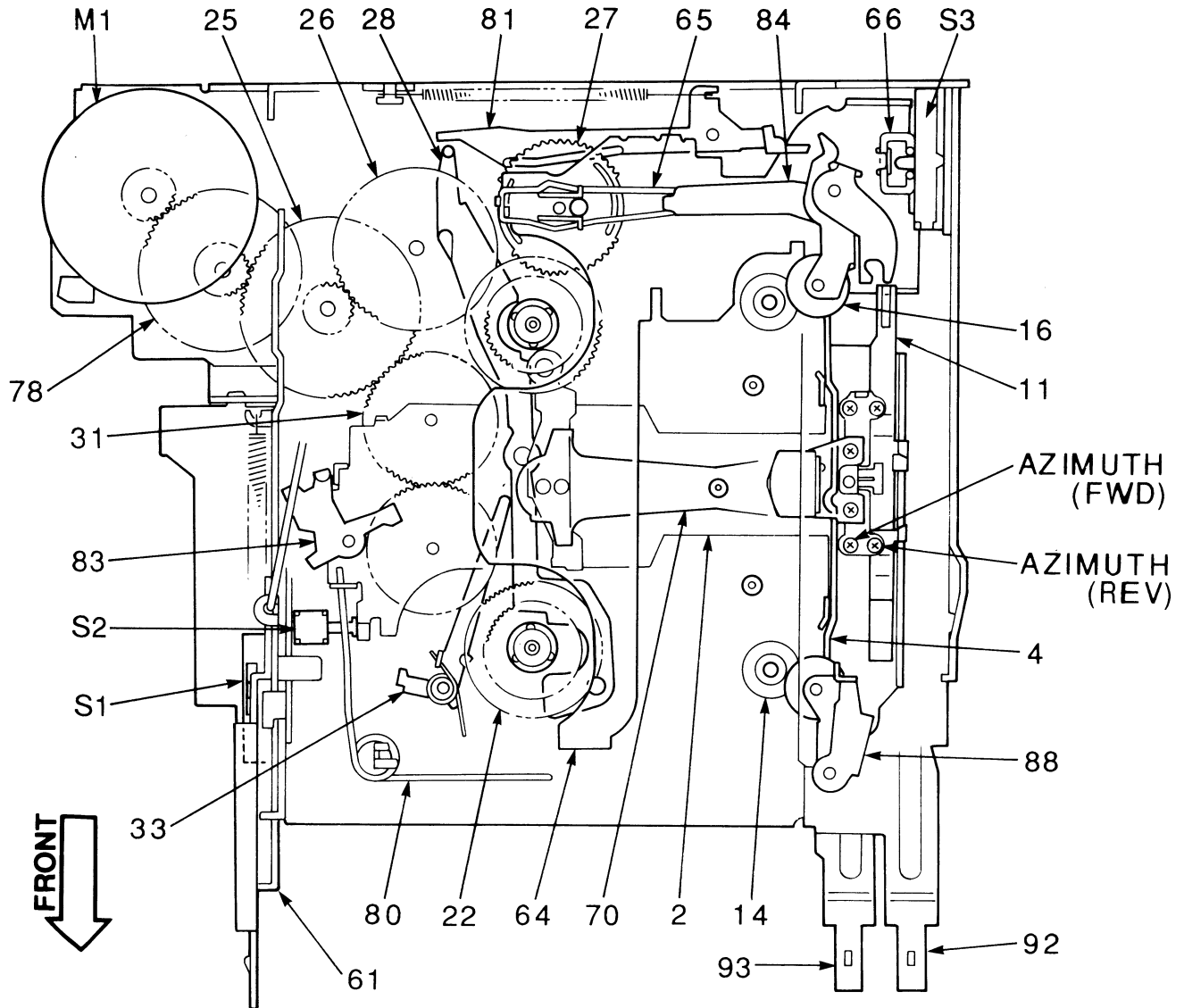
1. While pressing in on the eject lever (61), attach the holder (48) (❶).
2. Insert the holder's (48) projecting tab into the push plate's groove (❷).
3. Insert the rod (52) into the hole in the eject lever (61) (❸).
4. While lifting up the holder (48), engage the lifter (43) (❹).
5. Move the lifter (43) down so that it aligns with the eject lever's (61) cut out (❺) section.
6. Align the lifter (43) with the chassis (1) projections and move it to the right to engage (see diagram) (❻).
7. Secure the assembly by attaching the screw (❷).



3. Insert the rod (52) into the hole in the eject lever (61) (❸).
4. While lifting up the holder (48), engage the lifter (43) (❹).
5. Move the lifter (43) down so that it aligns with the eject lever's (61) cut out (❺) section.



MECHANISM OPERATION DESCRIPTION



KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

LOADING

1. Insert a cassette tape (**❶**).

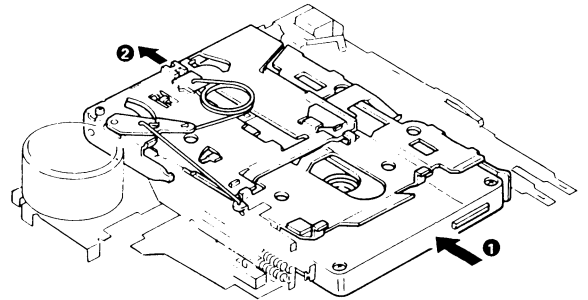


Fig. 1

2. The pack slider (50) presses the lever (49) (**❷**).
3. The lever (49) rotates and the push plate (58) lock releases. The push plate is pulled by spring (59) and moves forward (**❸**).

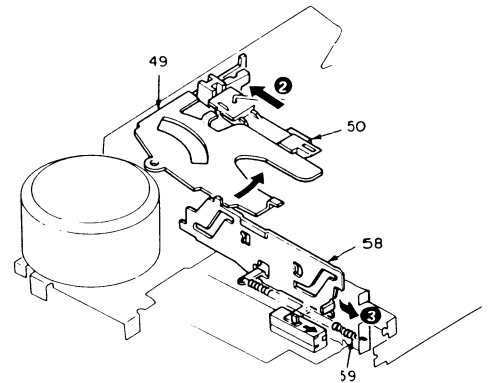


Fig. 2

4. The holder (48) lowers following the groove in the push plate (58) (**❹**).
5. The slide switch (S1) is pressed by the push plate (58) and turns ON. When S1 turns ON, current is supplied to the motor (M1) (**❺**).

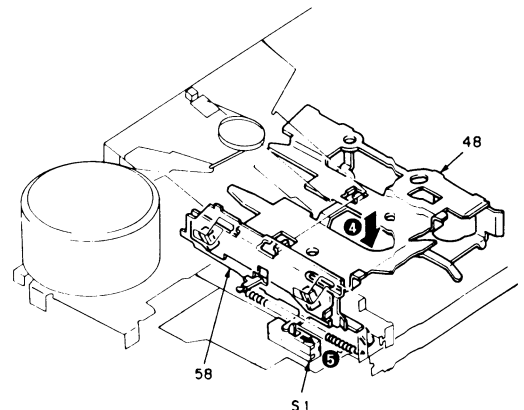


Fig. 3

MECHANISM OPERATION DESCRIPTION

6. The push arm (83) is pressed by the push plate (58) and rotates. The push arm (83) releases the head plate (2) lock (6).
7. The head plate (2) is pulled forward by the spring (80) (7).

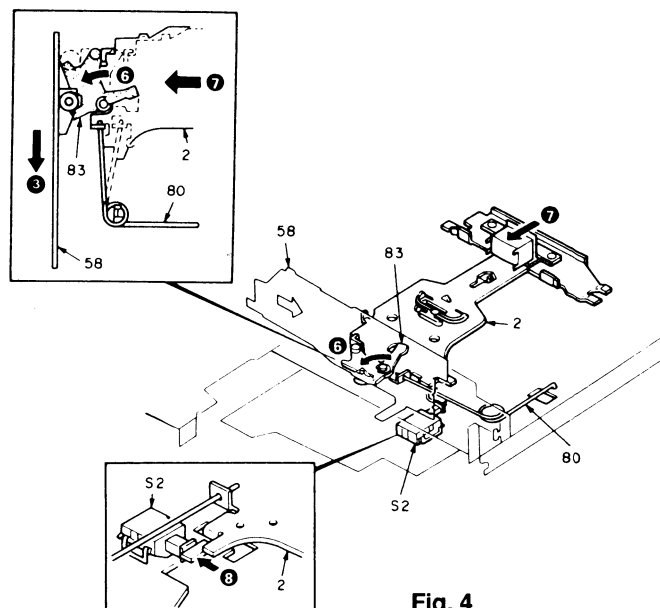


Fig. 4

8. The forward movement of the head plate (2) causes the push switch (S2) to turn ON (8).
9. Through the forward movement of the head plate (2), the PR spring (4) causes the pinch roller assembly (16, 17) to press against the capstan assembly (74) (9).

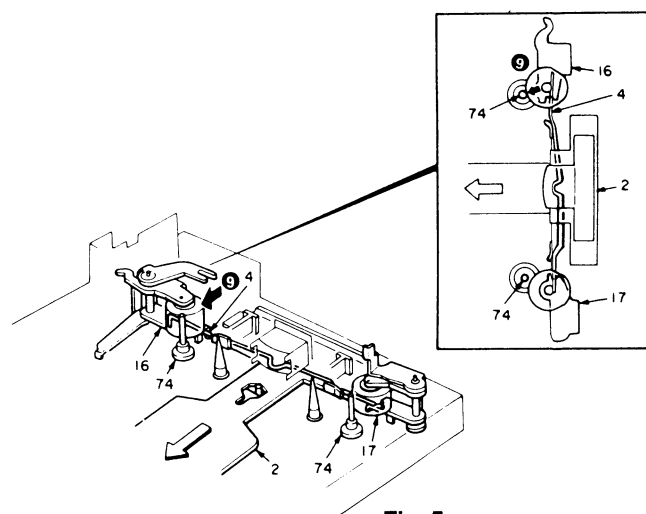


Fig. 5

10. The rotation of the motor is transmitted through various gears (78 → 25 → 31 → 6 →) to drive the winding side reel disk assembly (22) (10).
11. The sending side reel disk assembly (22) is not driven by the motor rotation because it is separated from the play gear (6) (11).

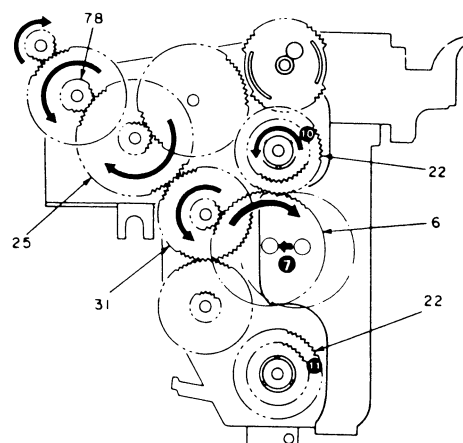


Fig. 6

KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

PROGRAM (Manual Program Change)

1. When pressing FF/REW (92 and 93) levers at the same time (①), the levers are placed into a slot on the PC (Play Change) plate (94) in direction of arrow (②) in Fig.7.
2. The PC plate (94) moves in the direction of arrow (③), trigger arm (81) is kicked in the direction of arrows (④) and (⑤), thereby releasing the turn-over gear (27).
3. The turn-over gear (27) is rotated in the direction of arrow (⑥) by ED (End Detector) gear (26), which moves main plate (64).

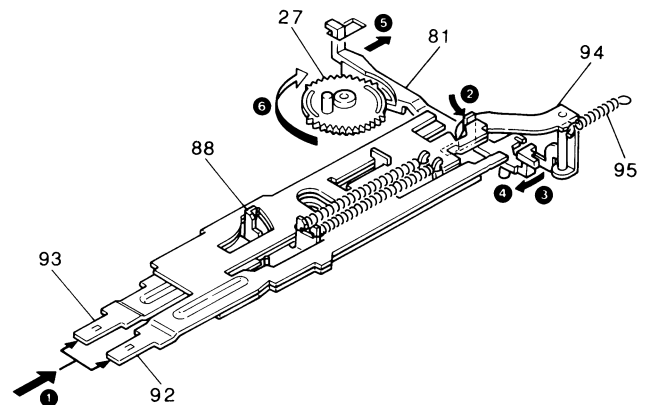


Fig. 7

4. The main plate (64) slides in direction of arrow (⑦) in Fig.8 causing the following part movements;
 - a) Head switch (10) movement is changed per arrow (⑧)
 - b) Force transferred from pinch roller spring (4) changes the relation of pinch roller and capstan to each other, per arrow (⑨).
 - c) Seesaw plate (20) is moved by the main plate and seesaw plate spring (65), and moves seesaw working plate (84). All FF/REW operation is performed by this seesaw plate movement. See arrow (⑩).

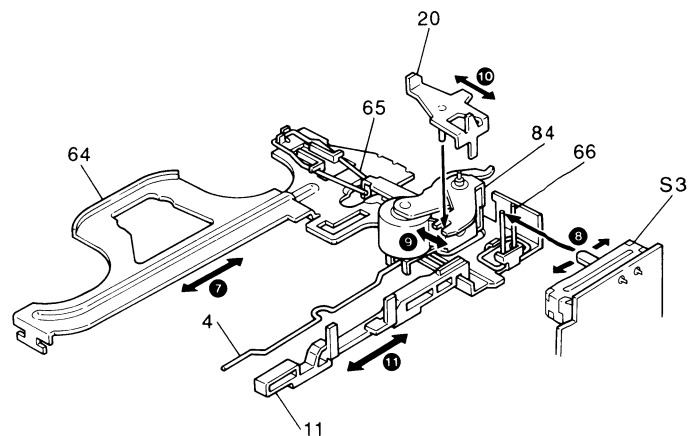


Fig. 8

- d) The shift plate (11) is moved in direction of arrow (⑪), and head moves up and down per arrows (⑫, ⑬ and ⑭) in Fig.9.

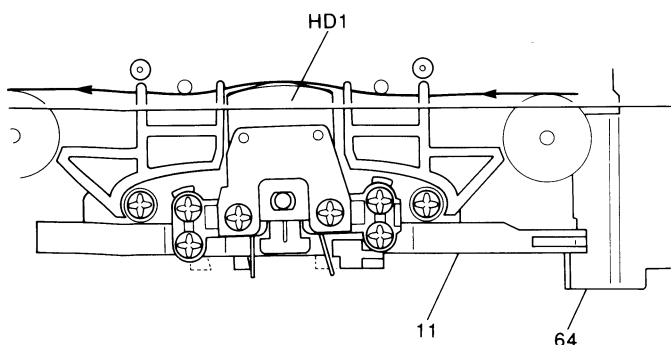


Fig. 10

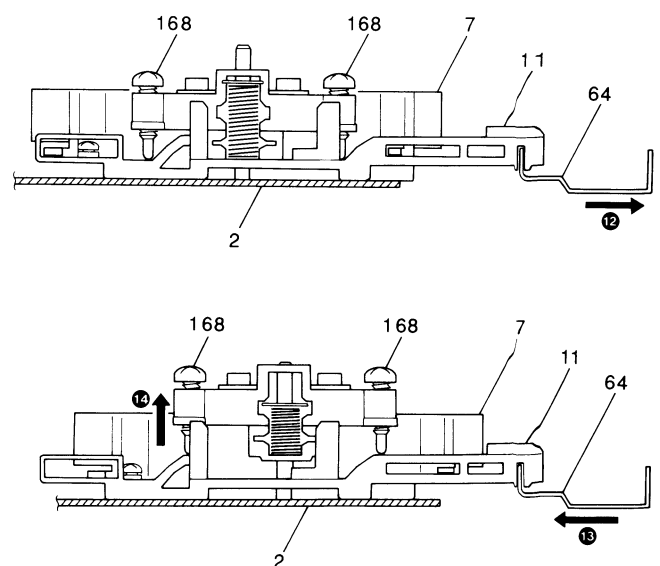


Fig. 9

MECHANISM OPERATION DESCRIPTION

e) The play gear metal (5) is engaged, per arrows (15) and (16) in Fig. 11. Then play gear (6) is connected to take-up reel assembly (22) on forward side in FWD play, and connected to the other take-up reel assembly in REV play. Rotation from the play clutch (31) is transferred to take-up reel assembly per arrows (17) and (18) in Fig.11. As mentioned above, the direction in play mode can be changed. During play mode active, the head panel is moved backward by head panel return arm (88) in direction of arrow (19) in Fig.11. The Mute switch (S2) is turned on per arrow (20), and play mode is not reversed while FF/REW levers are pushed by operation of anti-reverse arm (33). See Fig. 12.

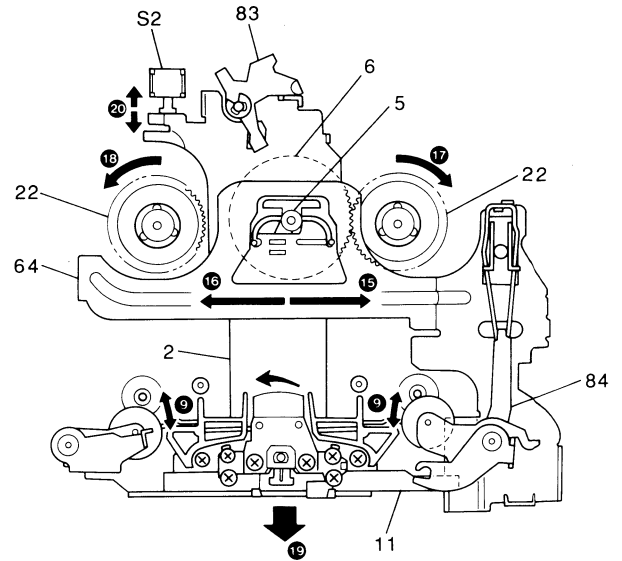


Fig. 11

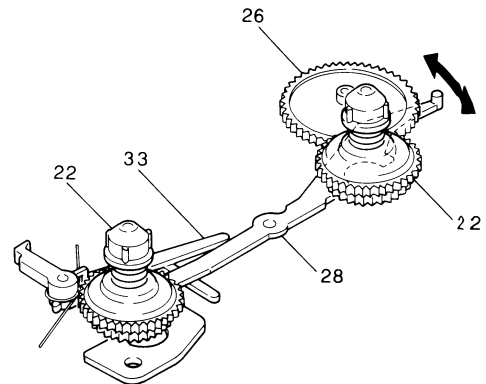


Fig. 12

KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

Press the FF lever (92) (➊).

The return arm (88) is pushed by the FF lever (92) and rotates (➋).

The head plate (2) is pulled by the return (88) and moves back (➌).

The seesaw plate (20) is pushed by the FF lever (92) and rotates (➍).

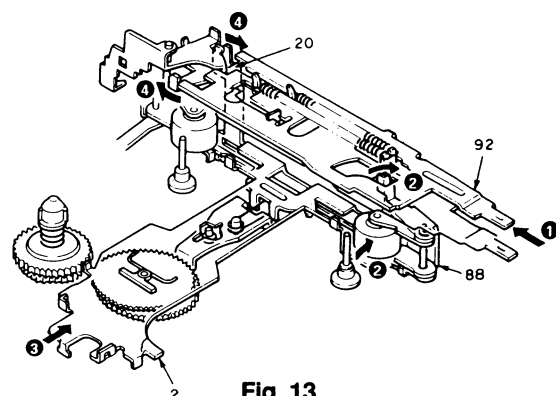


Fig. 13

The FR slide plate (86) is pulled by the seesaw plate (20) and moves forward (➎).

The working plate (70) is pulled by the FR slide plate (86), and the FR gear (71) engages with the clutch assembly (31) and winding side reel disk assembly (22) (➏).

The FF lever (92) is locked by the lock plate (96) (➐).

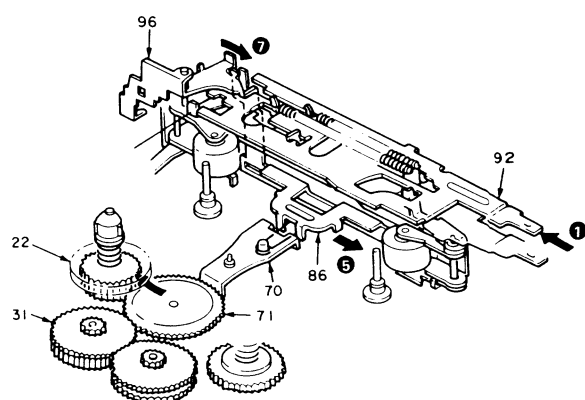


Fig. 14

If the REW lever (93) is pressed, the lock plate (96) rotates, the FF lever (92) lock is released and the deck enters play mode (➑).

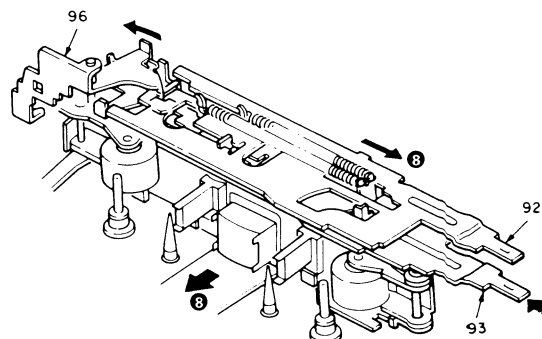


Fig. 15

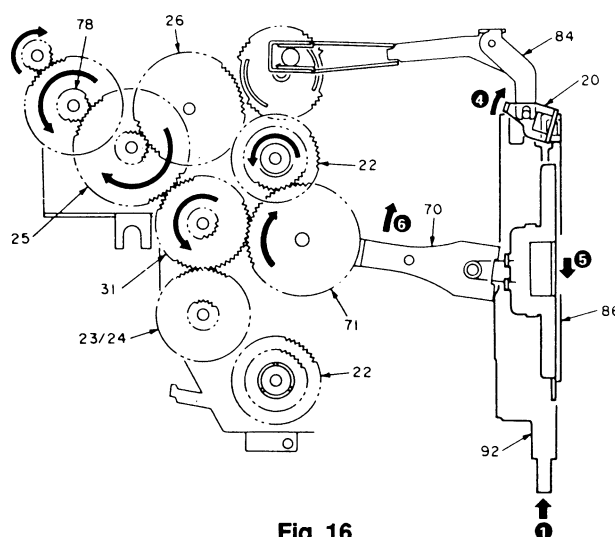


Fig. 16

MECHANISM OPERATION DESCRIPTION

REW

1. Press the REW lever (93) (**1**).
2. The return arm (88) is pushed by the REW lever (93) and rotates (**2**).
3. The head plate (2) is pulled back by the return arm (88) and moves back (**3**).
4. The seesaw plate (20) is pushed by the REW lever (93) and rotates (**4**).

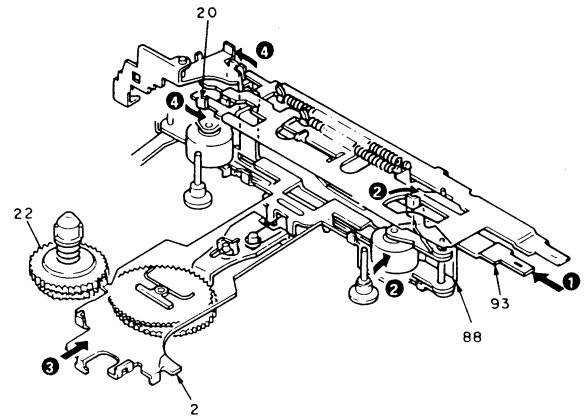


Fig. 17

5. The RF slide plate (86) is pushed by the seesaw plate (20) and moves backward (**5**).
6. The working plate (70) is pulled by the RF side plate (86), and the FR gear (71) engages with the sending side reel disk assembly (22) and F gear (24) (**6**).
7. The REW lever (93) is locked by the lock plate (96) (**7**).

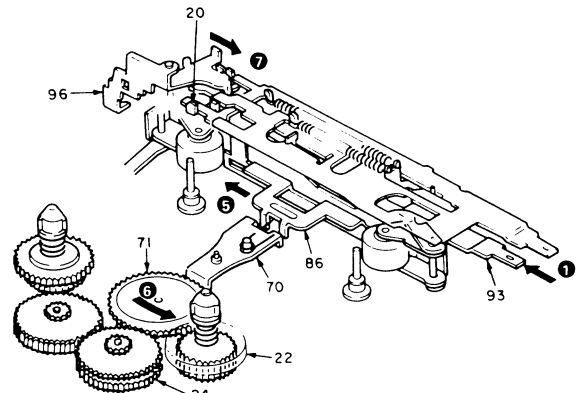


Fig. 18

8. If the FF lever (92) is pressed, the lock plate (96) rotates, the REW lever (93) lock is released and the deck enters play mode (**8**).

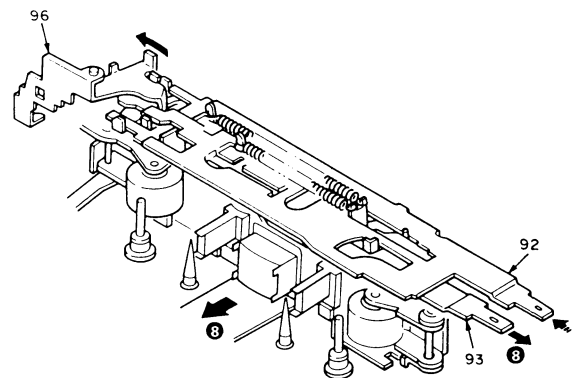


Fig. 19

KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

Note : During reverse play, since the seesaw working plate (84) moves the center of the seesaw plate (20) to the right, pressing the FF lever activates the rewind operation and pressing the REW lever activates the fast-forward operation.

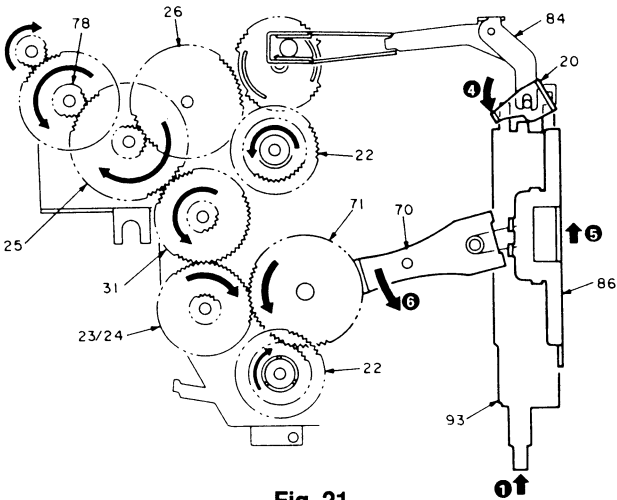


Fig. 21

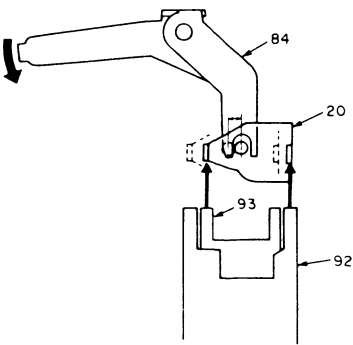


Fig. 20

MECHANISM OPERATION DESCRIPTION

AUTO REVERSE

1. When the end of the taps is reached during play-back and the reel disk assembly (22) stops rotating, the ED plate (28) is pushed by the ED gear (26) (1).
2. The ED gear (26) rotates and the boss pushes the ED plate (28) further (2).
3. The ED plate (28) pushes the trigger arm (81) (3).
4. The trigger arm (81) releases the reverse gear (27) lock (4). (The "program" operation starts.)

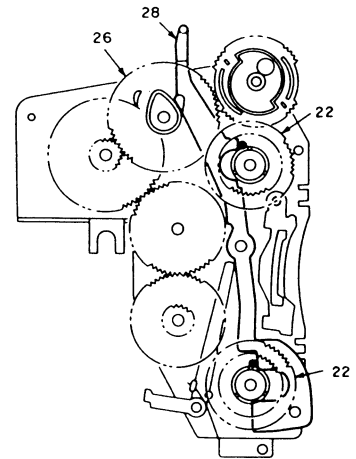


Fig. 22

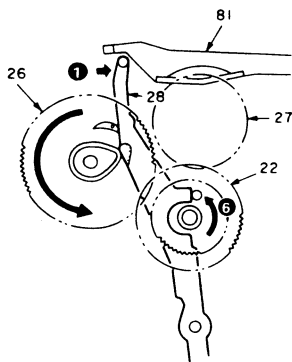


Fig. 23

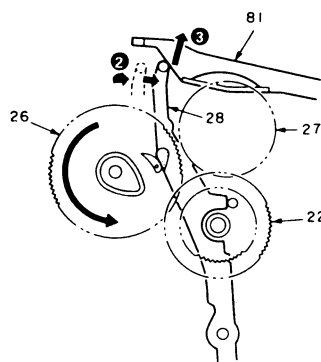


Fig. 24

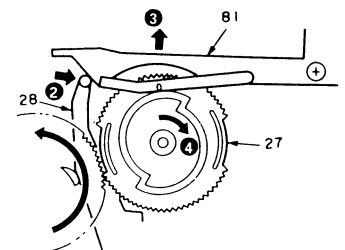


Fig. 25

5. In the same way, during FF and REW, the ED plate operates when the tape end is reached, When the plate (64) moves (7), the lock plate (96) rotates (8) and the FF/REW lever is released, causing the deck to enter play mode (9).

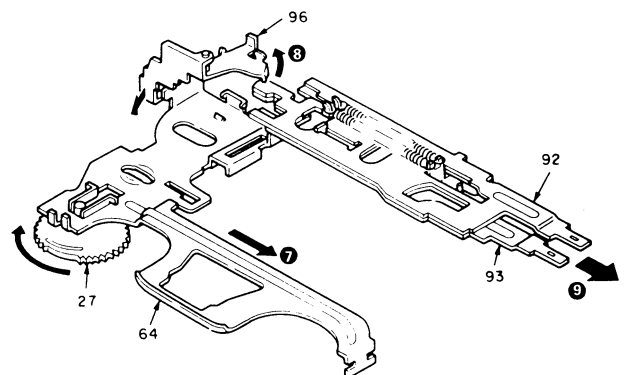


Fig. 26

6. The pin at the lower side of the reel disk assembly (22) resets the ED plate (28) (6).

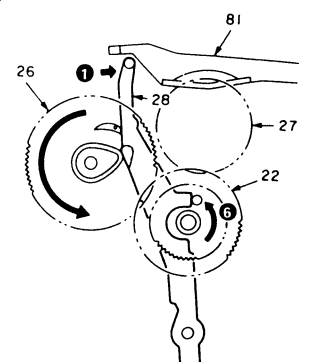


Fig. 27

KRC-155D/L/N

MECHANISM OPERATION DESCRIPTION

EJECT

1. Press the EJ lever (61) (**①**).
2. The push plate (58) is pushed by the EJ lever (61) and rotates the push arm (83) (**②**).
3. The push arm (83) moves the head plate (2) back (**③**).
4. The EJ lever (61) moves the rod (52) and rotates the PE plate (44) (**④**).

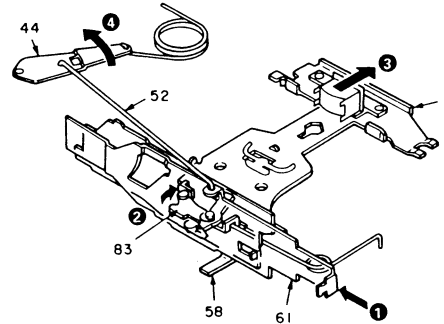


Fig. 28

5. The holder (48) moves up following the push plate (58) groove (**⑤**).
6. The PE plate (44) turns the reverse spring (47) over and pushes out the pack slider (50) (**⑥**).

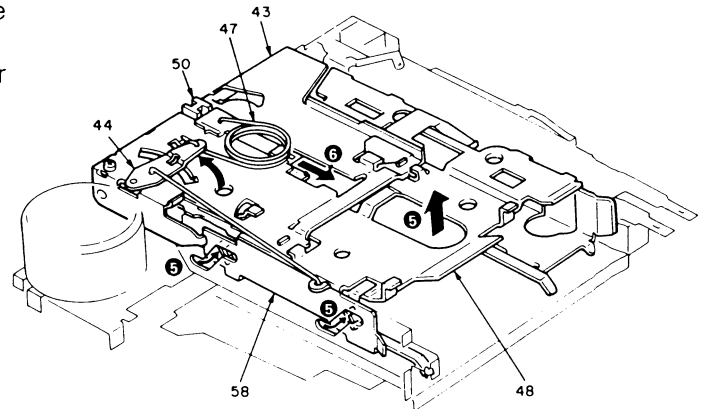


Fig. 29

ADJUSTMENT

Set the controls and switches as follows.

BALANCE :center position LOUD :OFF
 FADER :center position T • ADV :OFF
 BASS :center position LOCAL :OFF
 TREBLE :center position AUTO :OFF

No	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
FM SECTION							
1	DISCRI-MINATOR	(A) 98.1MHz 0dev 60dB μ (ANT input)	Connect a DC voltmeter to pin 2 of TP3	FM 98.1MHz	T1	0V	(a)
2	VCO	(A) 98.1MHz 0 dev 60dB μ (ANT input)	Connect a frequency counter to TP1 and GND	FM 98.1MHz Connect a R(180K Ω) between TP1 GND (X14-B/3)	VR2	19,000Hz	(b)
3	SEPARATION	(C) 98.1MHz 1kHz, $\pm$ 40kHz dev Pilot: $\pm$ 6.0kHz dev Selector:L or R 60dB μ (ANT input)	(B)	FM 98.1MHz	VR1	Adjust it so that the crosstalk from L to R and R to L become minimum.	
4	ANRC	(C) 98.1MHz 1kHz, $\pm$ 40kHz dev Pilot: $\pm$ 6.0kHz dev Selector:L or R 35dB μ (ANT input)	(B)	FM 98.1MHz	VR4	Separation 10dB	
5	STOP LEVEL	(A) 98.1MHz 0 dev 20dB μ (ANT input)	TEST MODE : ON	FM 98.1MHz	VR3	Adjust so that the "◀▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	
SDK SECTION							
6	DK LEVEL	(E) 98.1MHz 0 mod SK 5.33% DK 30% BK 60% 60dB μ (ANT input)	Connect an AC voltmeter to TP2	FM 98.1MHz	VR5 L1	Maximum (125Hz)	(c)
AM SECTION							
(1)	STOP LEVEL	(D) 990 KHz 0% mod 35dB μ (ANT input)	TEST MODE : ON	AM 990 kHz	VR (TU1)	Adjust so that the "◀▶" indicator in the front panel are lit. Only "◀" is lit : Too low Only "▶" is lit : Too high	
CASSETTE DECK SECTION							
[1]	AZINUTH	MTT-114 10kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch / R ch or FWD /RVS becomes maximum	

*Test mode : Turn power ON while holding the **FM** and **◀▶** keys depressed. (All of the LCD elements light.)
 Then, press the **FM** or **AM** key.

To quit : Power OFF.

ABGLEICH

Die Regler und Knöpfe wie folgt einstellen.

BALANCE :Mittelage LOUD :OFF
 FADER :Mittelage T · ADV :OFF
 BASS :Mittelage LOCAL :OFF
 TREBLE :Mittelage AUTO :OFF

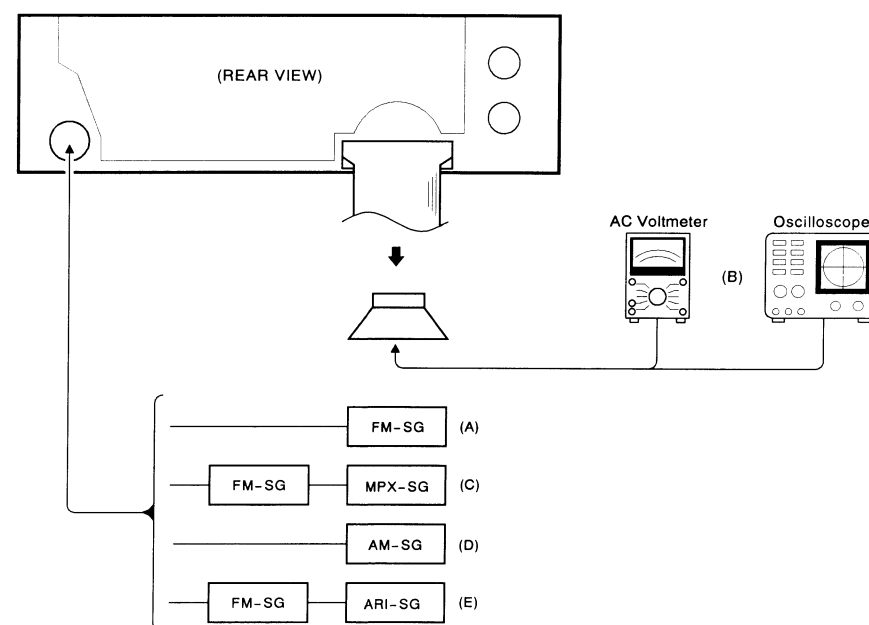
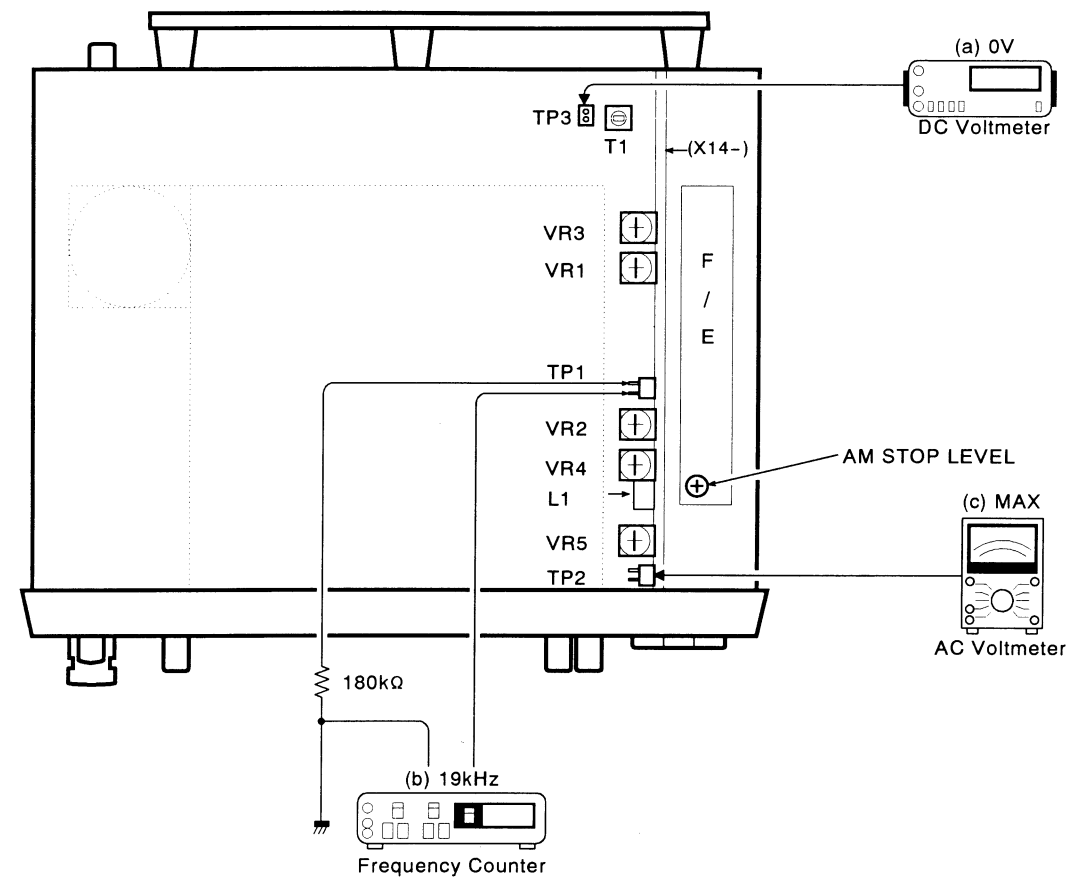
NR	GEGENSTAND	EINGANGS EINSTELLUNG	AUSGANGS EINSTELLUNG	TUNER (RECEIVER)	ABGLEICH PUNKTE	ABGLEICHEN FÜR	ABB.
UKW-ABTEILUNG							
1	DISKRI- MINATOR	(A) 98.1MHz 0 Hub 60dB μ (ANT-Eingang)	Ein Gleichstrom- Voltmeter an Stift 2 von TP3 anschließen.	FM 98.1MHz	T1	0V	(a)
2	V C O	(A) 98.1MHz 0 Hub 60 dB μ (ANT-Eingang)	Einen Frequenzzähler an TP1 und GND anschließen.	FM98.1MHz Einen Widerstand (180k Ω) zwischen TP1 und GND anschließen	VR2	19,000Hz	(b)
3	STEREO KANAL TRENNUNG	(C) 98.1MHz 1kHz, $\pm$ 40kHz Hub Pilot: $\pm$ 6.0kHz Hub Wahler : L or R 60dB μ (ANT-Eingang)	(B)	FM 98.1MHz	VR1	So einstellen, daß das Übersprechen von L auf R und von R auf L minimal wird.	
4	ANRC	(C) 98.1MHz 1kHz, $\pm$ 40kHz Hub Pilot: $\pm$ 6.0kHz Hub Wahler : L or R 35dB μ (ANT-Eingang)	(B)	FM 98.1MHz	VR4	Trennung 10dB	
5	SUCHEN HALT PEGEL	(A) 98.1MHz 0 Hub 20dB μ (ANT-Eingang)	*Testmodus: ON	FM 98.1MHz	VR3	So einstellen, daß die Anzeige "◀▶" an der Frontplatte leuchtet. Nur "◀" leuchtet : zu niedrig Nur "▶" leuchtet : zu hoch	
SDK-ABTEILUNG							
6	DK PEGEL	(E) 98.1MHz 0 mod SK 5.33% DK 30% BK 60% 60dB μ (ANT-Eingang)	Ein Wechselstrom- Voltmeter an TP2 anschließen.	FM 98.1MHz	VR5 L1	Maximale (125Hz)	(c)
MW-ABTEILUNG							
(1)	HALT PEGEL	(D) 999kHz 0% mod 35dB μ (ANT-Eingang)	*Testmodus: ON	MW 999kHz	VR (TU1)	So einstellen, daß die Anzeige "◀▶" an der Frontplatte leuchtet. Nur "◀" leuchtet : zu niedrig Nur "▶" leuchtet : zu hoch	
CASSETTEN-DECK-ABTEILUNG							
[1]	AZIMUTH	MTT-114 10kHz	(B)	Bandwiedergabe	Kopfazimuts- schraube	So einstellen, daß das Azimuth für jeweils L-CH/R-CH oder FWD/RVS maximal wird.	

*Testmodus : Die Spannungsversorgung einschalten, während die Tasten **FM** und **◀▶** gedrückt gehalten werden.

(Alle Elemente des LCD leuchten.)

Dann die Taste **FM** und **AM** drücken.

ADJUSTMENT

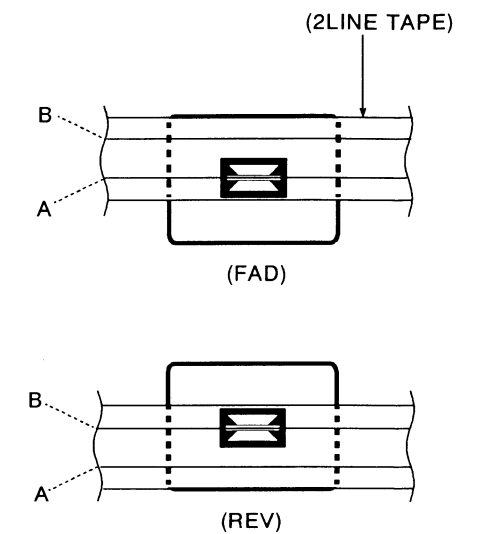


ADJUSTMENT

Head Angle Adjustment

Head height alignment procedure

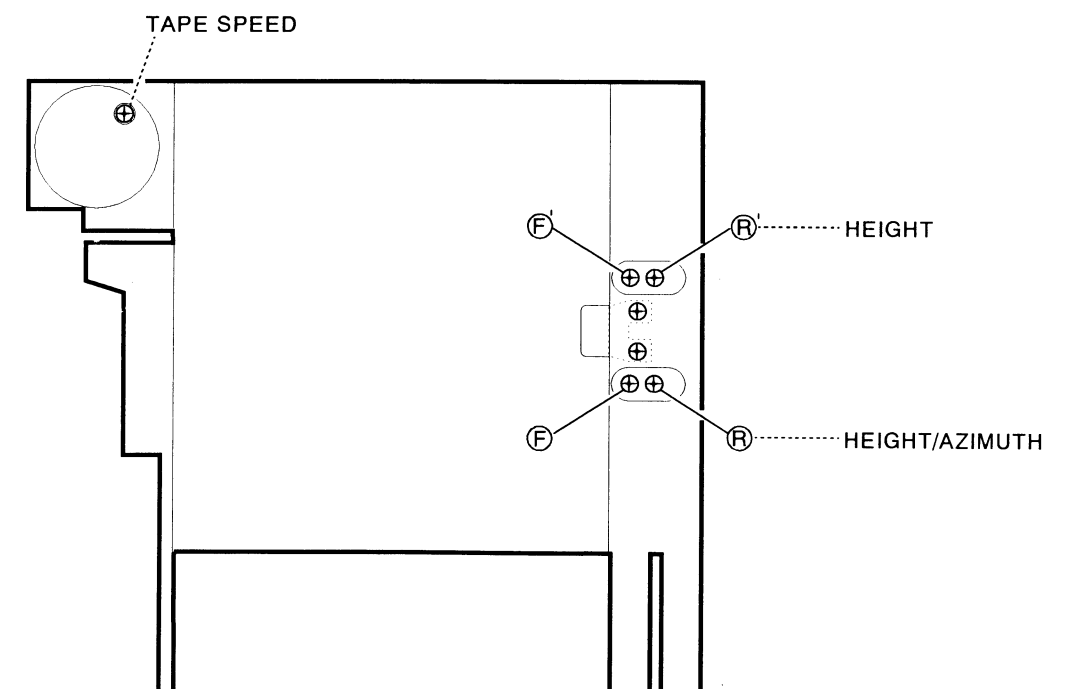
- During FWD transport, adjust screws $\textcircled{F}$ and $\textcircled{F}'$ so that line A of 2-line tape passes through the center of the head shield plate (white section).
- During REV transport, adjust screws $\textcircled{R}$ and $\textcircled{R}'$ so that line B of 2-line tape passes through the center of the head shield plate (white section).
- After the alignment above, reverse the transport direction and check the FWD alignment again. If it is deviated, perform alignment again. (Tape used: SCC-1659, manufactured by A-BEX).



Einstellung des Kopfwinkels

Verfahren für Abgleichung der Kopfhöhe

- Während des Vorwärtstransports (FWD) die Schrauben $\textcircled{F}$ und $\textcircled{F}'$ so einstellen, daß die Linie A des Bandes mit 2 Linien durch die Mitte der Kopfabschirmplatte (weißer Abschnitt) passiert.
- Während des Rückwärtstransports (REV) die Schrauben $\textcircled{R}$ und $\textcircled{R}'$ so einstellen, daß die Linie B des Bandes mit 2 Linien durch die Mitte der Kopfabschirmplatte (weißer Abschnitt) passiert.
- Nach der obigen Abgleichung des Bandlaufrichtung wechseln und die Vorwärtstransport-Abgleichung erneut überprüfen. Wenn sie eine Abweichung aufweist, die Abgleichung erneut durchführen. (Verwendete Kassette: SCC-1659, hergestellt von A-BEX)

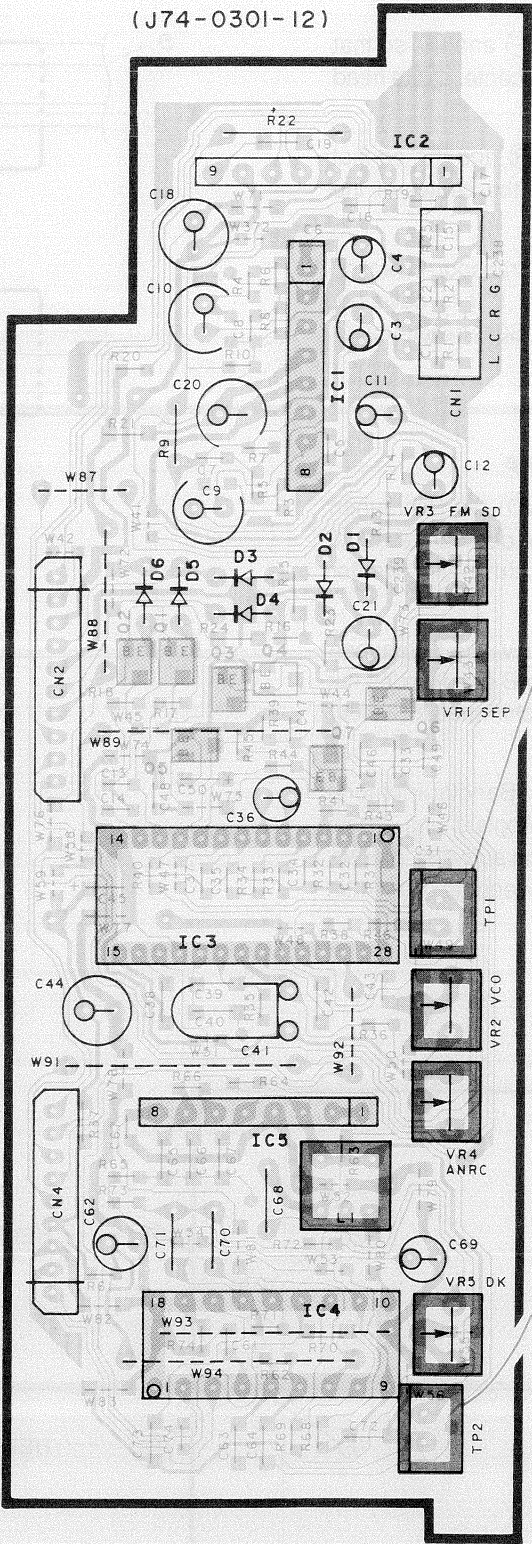


PC BOARD (Component side view)

SYNTHESIZER UNIT (X14-5202-71: KRC-155D 2-72: KRC-155L 2-73: KRC-155N)

X14-5202-XX B/3

(J74-0301-12)



SYNTHESIZER UNIT

Ref. No.		Address
IC	Q	
1	4B	
2	4B	
3	4C	
4	4C	
5	4B	
6	4C	
7	4C	
1	3C	
2	2C	
3	4C	
4	6C	
5	5C	

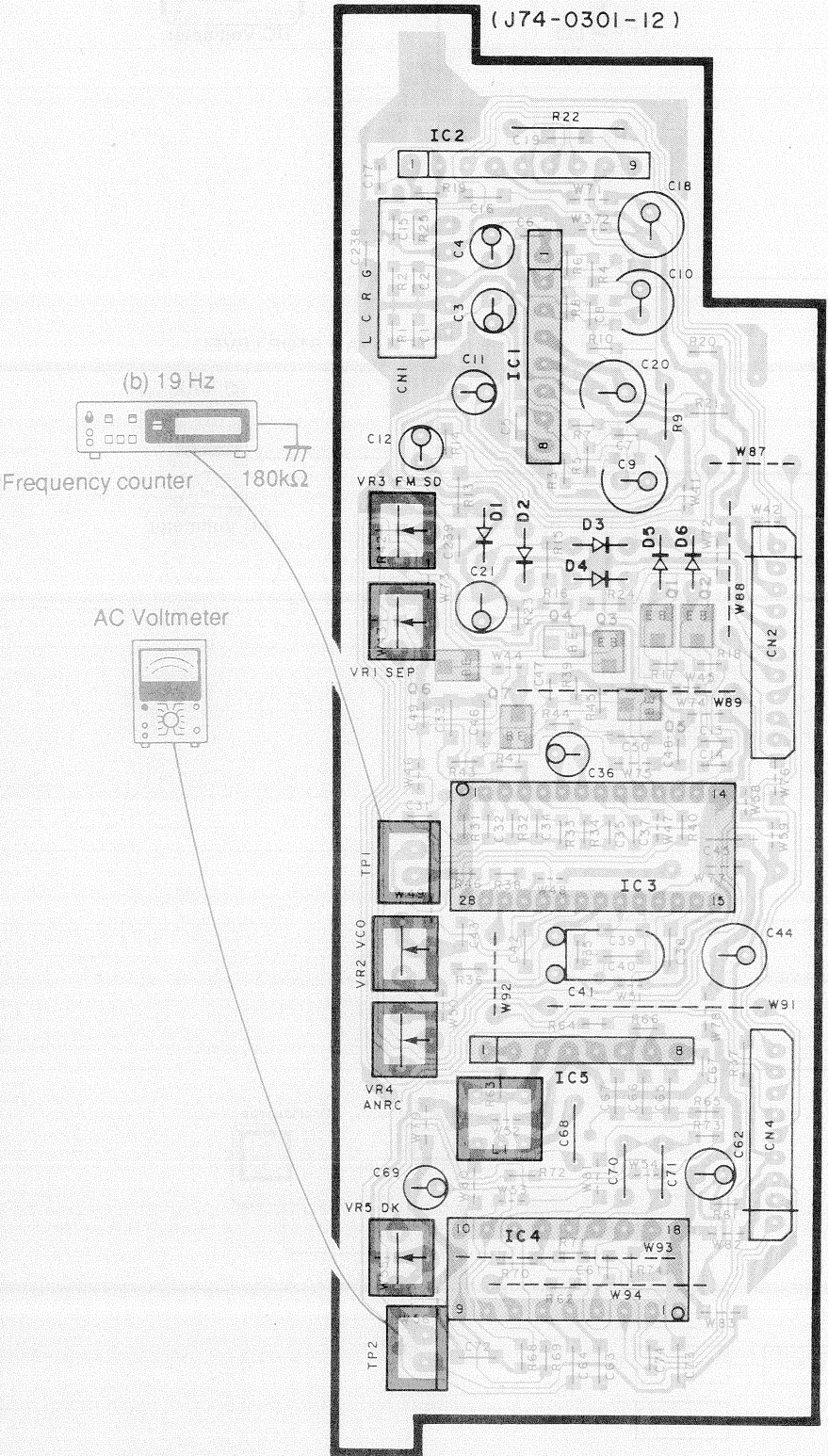
Refer to the schematic diagram for the values of resistors and capacitors.

(Foil side view)

SYNTHESIZER UNIT (X14-5202-71: KRC-155D 2-72: KRC-155L 2-73: KRC-155N)

X14-5202-XX B/3

(J74-0301-12)



SYNTHESIZER UNIT

Ref. No.		Address
IC	Q	
1	4H	
2	4H	
3	4H	
5	4H	
6	4G	
7	4G	
1	3H	
2	2G	
3	4H	
4	6H	
5	5H	

Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (Component side view)

SYNTHESIZER UNIT (X14-5202-71: KRC-155D 2-72: KRC-155L 2-73: KRC-155N)

DC

X14-5202-XX A/3 (J74-0301-12)

CD-CH

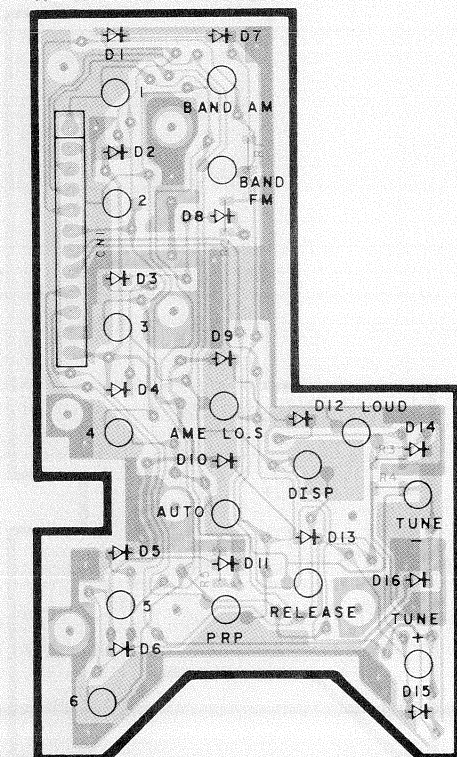
(a) 0V
DC Voltmeter

SYNTHESIZER UNIT

Ref. No.	IC	Q	Address
11			4B
12			4B
13			5C
14			5B
22			4C
23			4D
24			4D
25			3C
26			4D
29			4C
30			4D
31			4D
34			5C
35			6C
36			6B
41			4D
42			4F
43			4D
51			4G
52			5G
53			3F
55			5F
56			5G
57			4G
58			4F
59			5E
61			5B
62			5B
63			4F
64			4F
65			4F
6			3D
7			1E
10			2F
11			5D
12			3B
13			5A

SWITCH UNIT (X25-7110-21)

X25-7110-21 (J74-0300-12)



Refer to the schematic diagram for the values of resistors and capacitors.

PC BOARD (Foil side view)

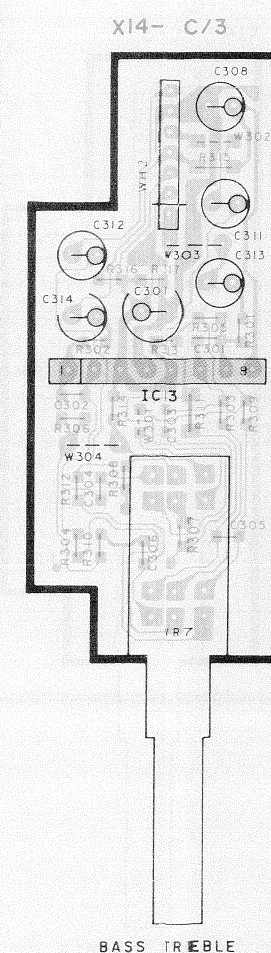
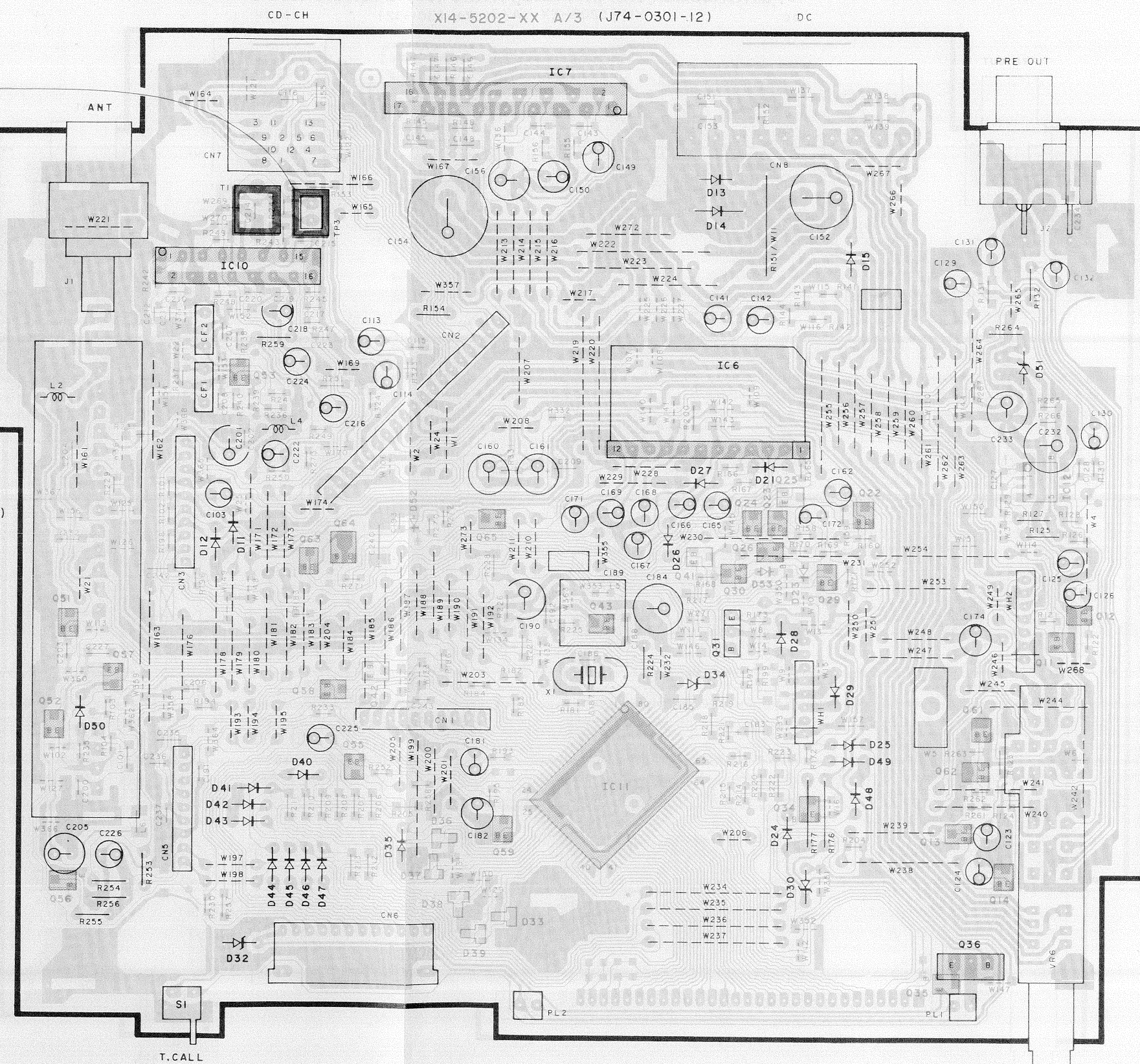
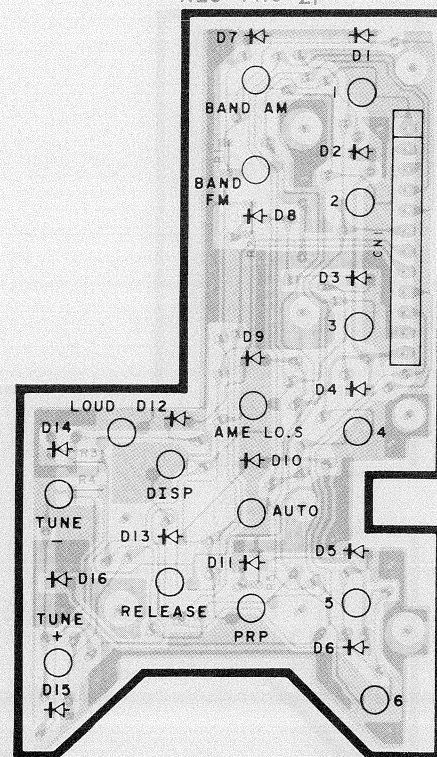
SYNTHESIZER UNIT (X14-5202-71: KRC-155D 2-72: KRC-155L 2-73: KRC-155N)

SYNTHESIZER UNIT

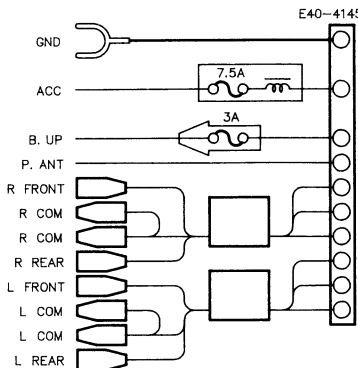
Ref. No.	IC	Q	Address
		11	4S
		12	4S
		13	5R
		14	5R
		22	4R
		23	4Q
		24	4Q
		25	3Q
		26	4Q
		29	4R
		30	4Q
		31	4Q
		34	5Q
		35	6R
		36	6R
		41	4Q
		42	4Q
		43	4P
		51	4N
		52	5N
		53	3Q
		55	5Q
		56	5N
		57	4N
		58	4Q
		59	5P
		61	5R
		62	5R
		63	4Q
		64	4Q
		65	4P
6		3Q	
7		1P	
10		2N	
11		5P	
12		3S	
13		5T	

SWITCH UNIT (X25-7110-21)

X25-7110-21 (J74-0300-12)



Refer to the schematic diagram for the values of resistors and capacitors.



IC6 : BA3913-V4
 IC7 : TA8232H
 IC8 : TA78L09F
 IC10 : LA1140
 IC11 : LC72329-8846

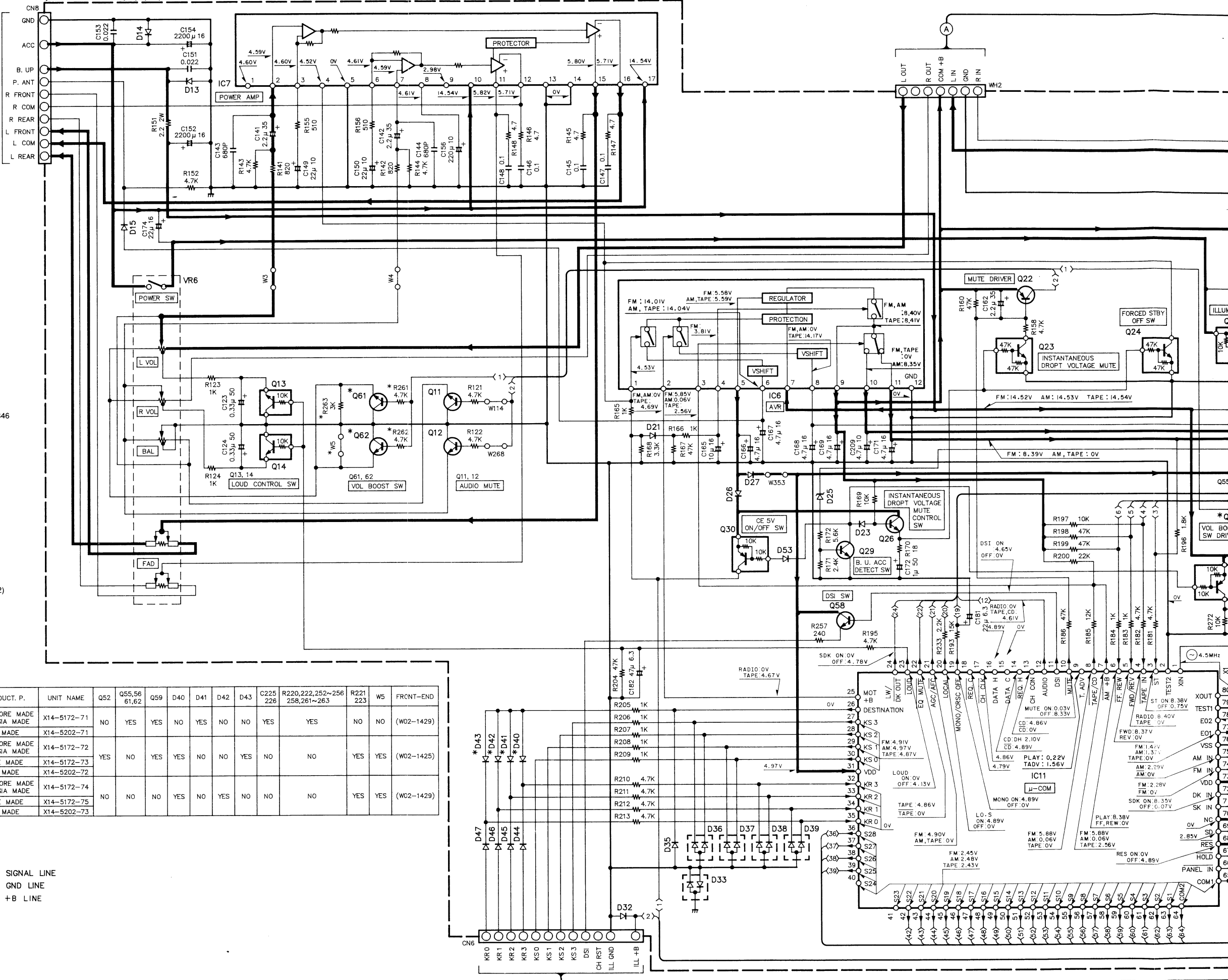
Q11,12,61,62 : 2SD2114K
 Q13,14 : DTC143TK
 Q22,55 : 2SA1037K
 Q23,24,51,56,57,59 : DTC144EK
 Q26,29,35,58,63 : 2SC2412K
 Q30,34,65 : DTA114EK
 Q36 : 2SB1565
 Q43 : 2SK536
 Q52 : DTA144EK
 Q53 : 2SC2413K
 Q64 : 2SB1188

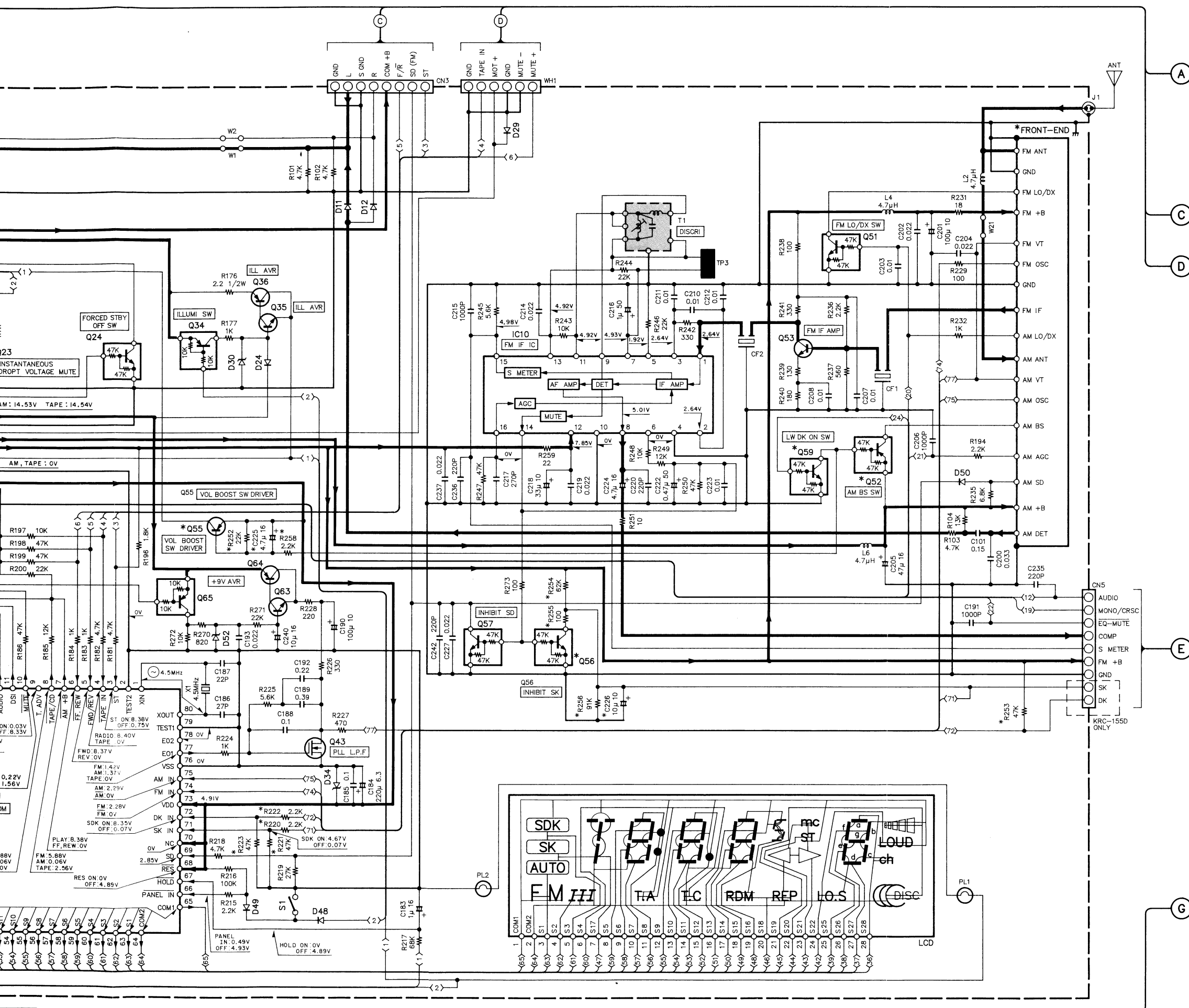
D11,12,21,23,26,27,35,40-50 : 1SS133
 D13,15,24,29 : ERA15-01
 D14 : RL254
 D25 : RD6.2JS(B2)
 D30 : HZS11B2L
 D32 : RD11JS(B)
 D33 : DA204K
 D34 : RD5.6JS(B)
 D36-39 : DAP202K
 D52 : MA8091-M
 D53 : MA1110

MODEL NAME	PRODUCT. P.	UNIT NAME	Q52	Q55,56 61,62	Q59	D40	D41	D42	D43	C225 226	R220,222,252~256 258,261~263	R221 223	W5	FRONT-END
KRC-155D	SINGAPORE MADE	X14-5172-71	NO	YES	YES	NO	YES	NO	NO	YES	YES	NO	NO	(W02-1429)
	MALAYSIA MADE	X14-5202-71												
KRC-155L	SINGAPORE MADE	X14-5172-72	YES	NO	YES	YES	NO	NO	YES	NO	NO	YES	YES	(W02-1425)
	FRANCE MADE	X14-5172-73												
KRC-155N	SINGAPORE MADE	X14-5172-74	NO	NO	NO	YES	NO	YES	NO	NO	NO	YES	YES	(W02-1429)
	FRANCE MADE	X14-5172-75												
	JAPAN MADE	X14-5202-73												

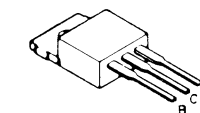
— SIGNAL LINE
 — GND LINE
 — +B LINE

(X14-5XXX-XX) (A/3)





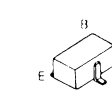
2SB1565



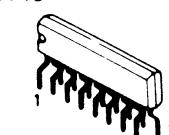
DTC143TK



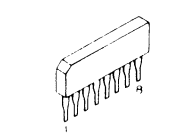
DTA144EK
DTC144EK
2SA1037K
2SC2412K
2SC2413K
2SD2114K



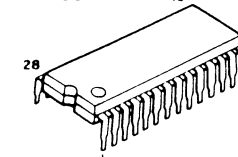
LA1140



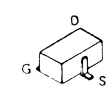
LA3161



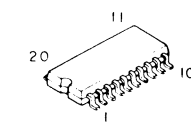
AN7465K



2SK536



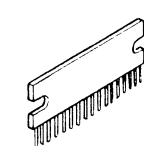
TDA1579



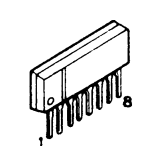
TA78L09F



TA8232H



NJM4565L
NJM4565L-D



DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

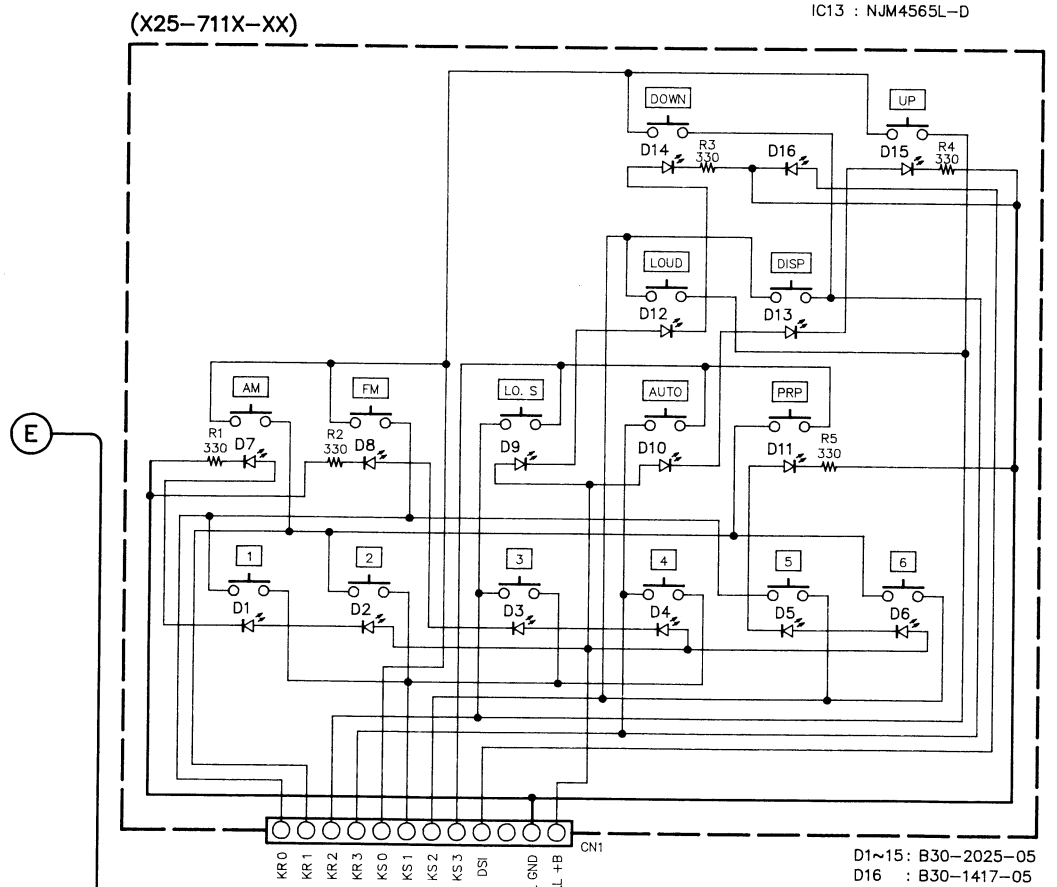
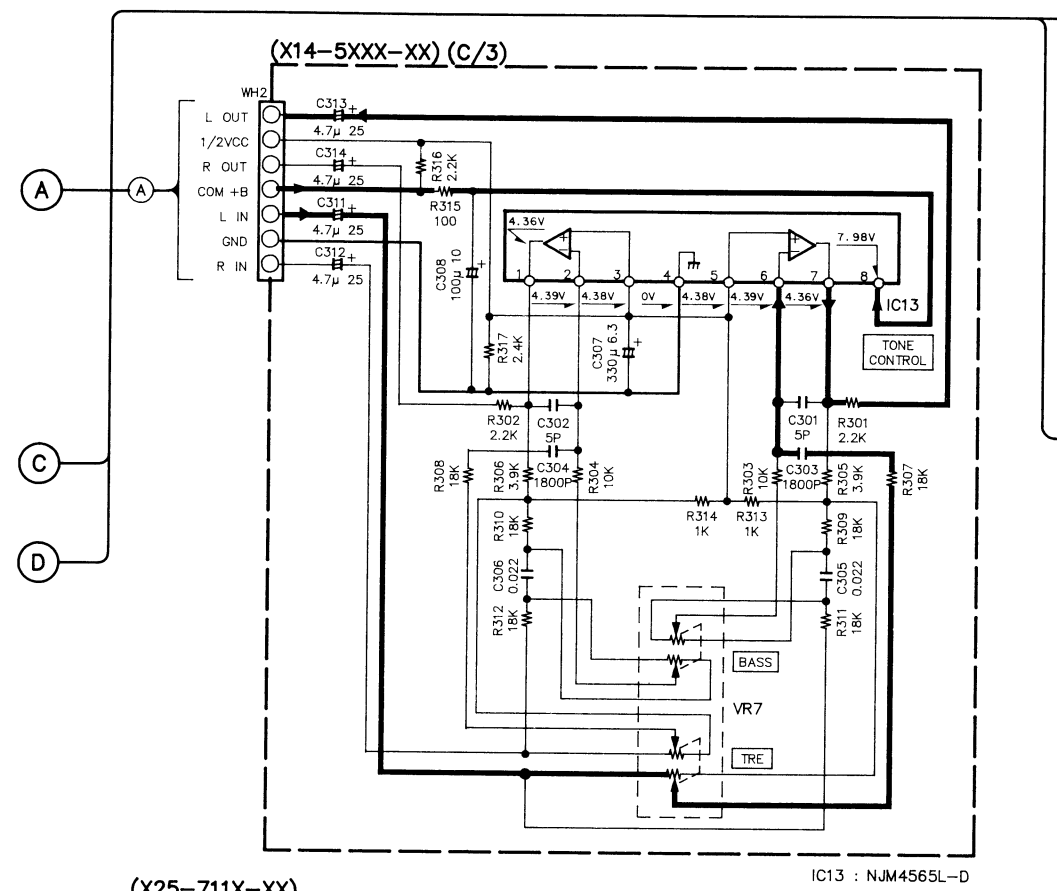
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

1/2

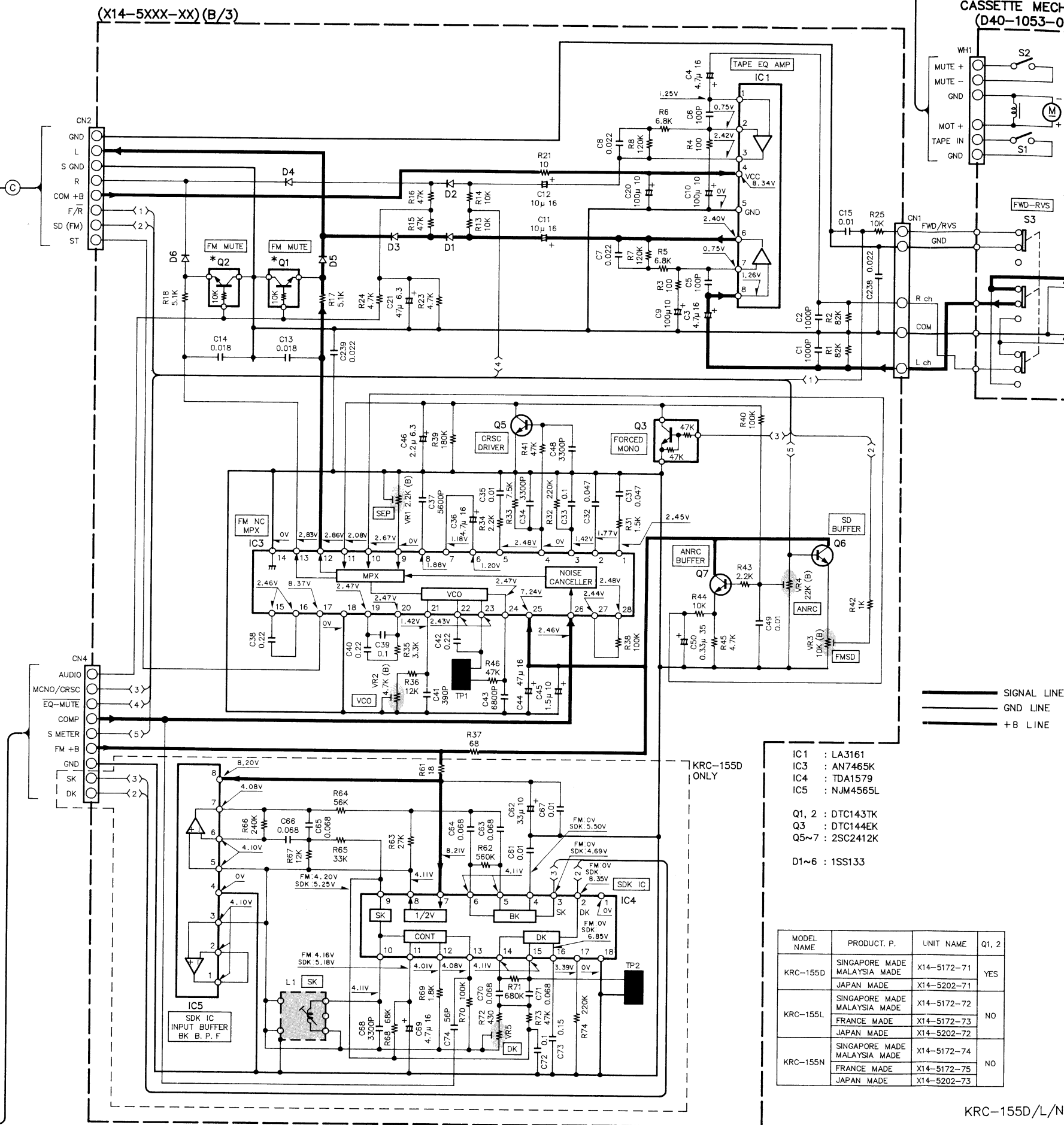
KRC-155D/L/N
KENWOOD

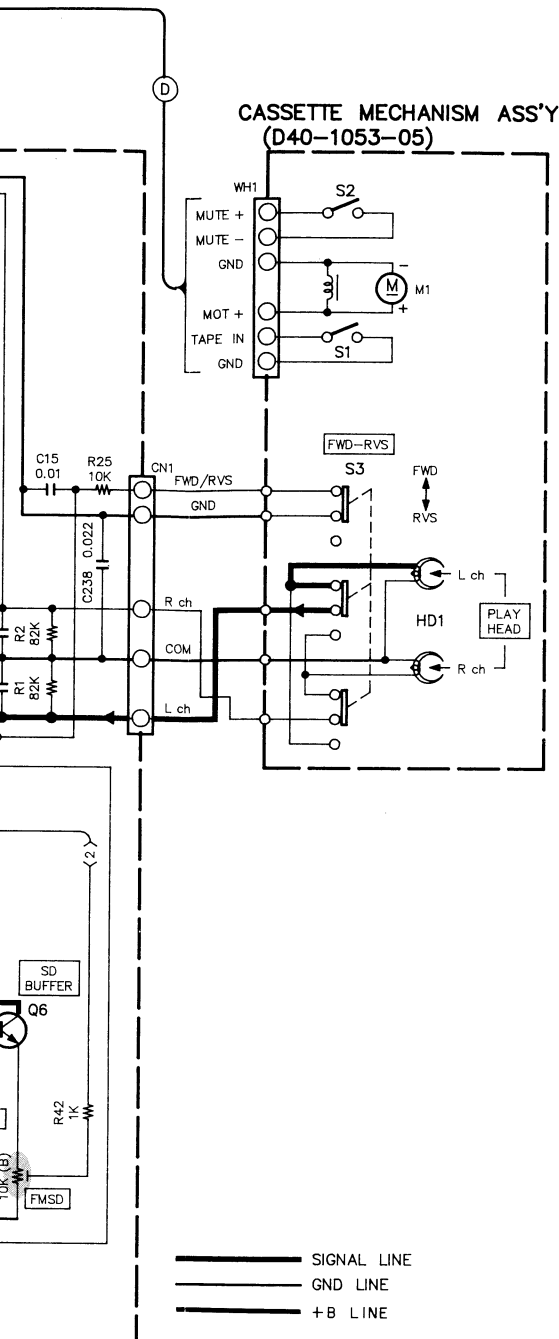
KRC-155D/L/N (1/2)

Y36-1872-72



MODEL NAME	PRODUCT. P.	UNIT NAME
KRC-155D	SINGAPORE MADE MALAYSIA MADE	X25-7110-10
	JAPAN MADE	X25-7110-21
KRC-155L	SINGAPORE MADE MALAYSIA MADE	X25-7110-10
KRC-155N	FRANCE MADE	X25-7112-71
	JAPAN MADE	X25-7110-21





: LA3161
: AN7465K
: TDA1579
: NJM4565L

: DTC143TK
: DTC144EK
: 2SC2412K

: 1SS133

	PRODUCT. P.	UNIT NAME	Q1, 2
SD	SINGAPORE MADE	X14-5172-71	YES
	MALAYSIA MADE	X14-5202-71	
SL	JAPAN MADE	X14-5172-72	NO
	SINGAPORE MADE	X14-5172-73	
	MALAYSIA MADE	X14-5202-72	
	FRANCE MADE	X14-5172-74	
LN	JAPAN MADE	X14-5172-75	NO
	SINGAPORE MADE	X14-5202-73	

KRC-155D/L/N (2/2)

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U. geringfügig.

CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list).  indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

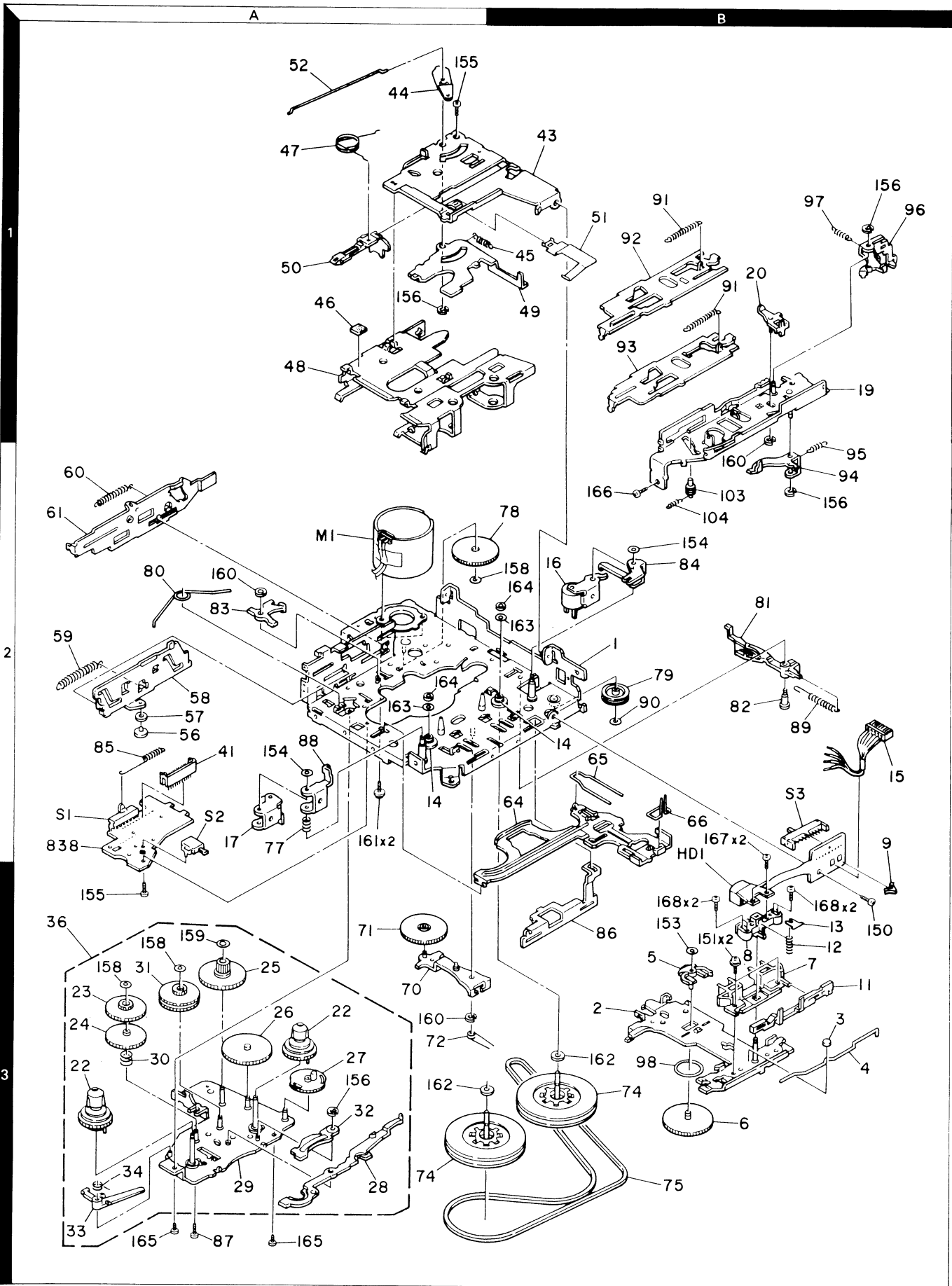
2/2

Y36-1872-72

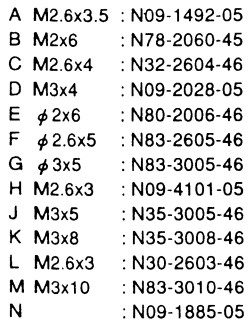
KRC-155D/L/N

KENWOOD

EXPLODED VIEW (MECHANISM)



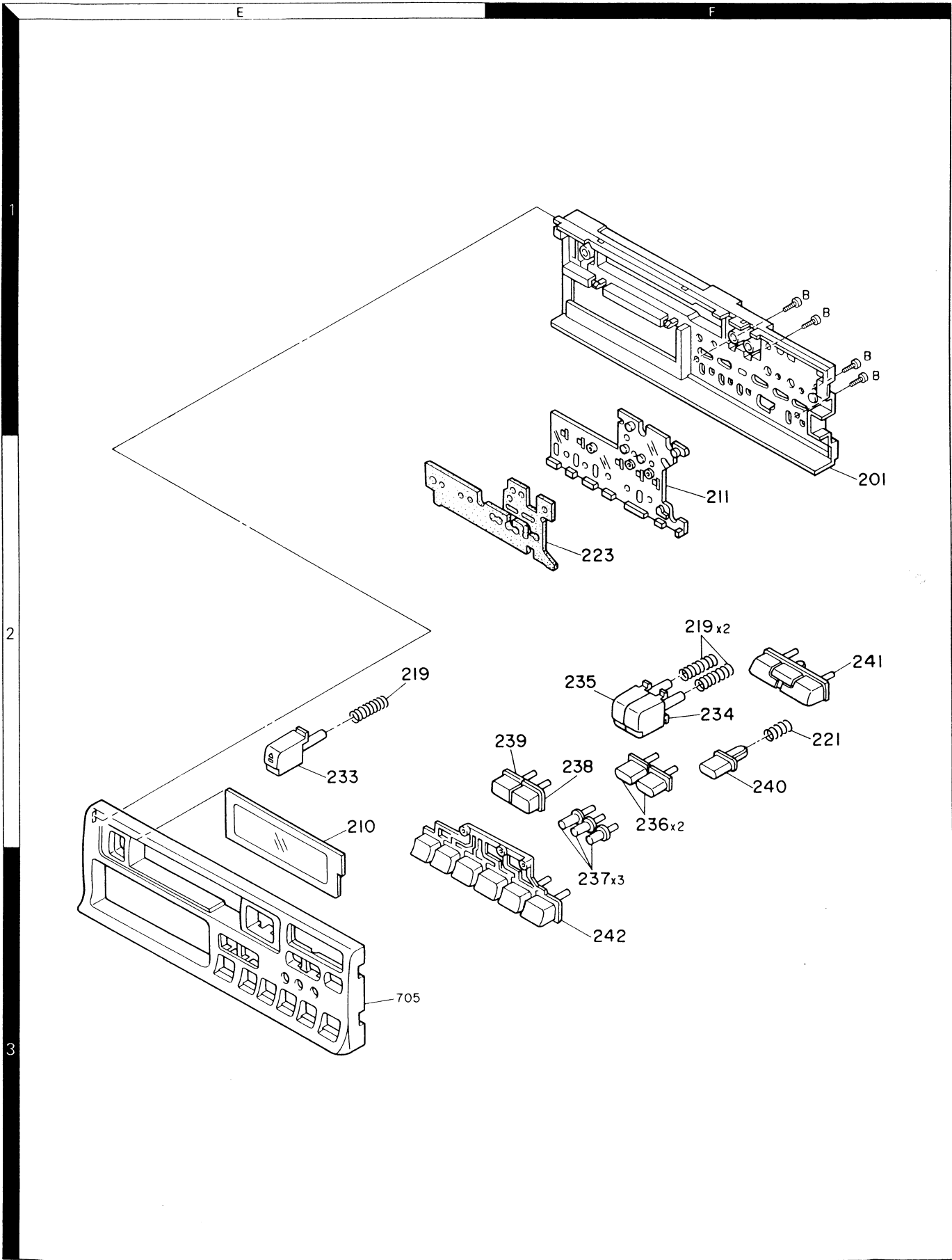
3



Parts with the exploded numbers larger than 700 are not supplied

KRC-155D/L/N

EXPLODED VIEW (PANEL)



Parts with the exploded numbers larger than 700 are not supplied.

KRC-155D/L/N

PARTS LIST

✕ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

KRC-155D/L/N
(X14-5202-XX)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
KRC-155D/L/N				
201	1F	* A46-1219-01	REAR COVER	
202	1D	* A52-0667-02	TOP COVER	
CL1	3C	* A53-1585-03	CASSETTE LID	
PA1	3C	* A64-0228-02	PANEL ASSY	D
PA1	3C	* A64-0229-02	PANEL ASSY	L
PA1	3C	* A64-0230-02	PANEL ASSY	N
206	3C	* B01-0872-03	PANEL ESCUTCHEON ASSY	
207	3C	* B07-2040-02	ESCUTCHEON	
208	2C	* B09-0513-04	CAP (FF,REW)	
209	2C	* B09-0519-04	CAP (EJECT)	
210	2E	* B10-1573-03	FRONT GLASS	
211	2F	* B19-0968-03	LIGHTING BOARD	
212	3C	* B19-0969-03	LIGHTING BOARD	
213	3D	* B19-0970-03	LIGHTING BOARD	
-		B46-0100-30	WARRANTY CARD	
-		B46-0182-14	ID CARD	D
-		B46-0606-04	ID CARD	L,N
-		B64-0394-00	INSTRUCTION MANUAL	
-		B64-0395-00	INSTRUCTION MANUAL	L,N
214	1C	D10-2793-04	LEVER	
215	3D	* D10-2835-04	LEVER	
216	3D	* D10-2836-04	LEVER	
ME1	2C	* D40-1053-05	CASSETTE MECHANISM ASSY	
217	3D	* E29-1426-03	CONDUCTIVE RUBBER	
△ DC1	1C	* E30-4145-05	DC CORD (CRITICAL)	
F1	1C	F05-3022-05	FUSE(3A) B.U.	
F2	1C	F05-7521-05	FUSE(7.5A) ACC	
218	3C	G01-2525-04	TORSION COIL SPRING	
219	2E,2F	G01-2636-04	COMPRESSION SPRING	
220	3D	* G01-2654-04	EXTENSION SPRING	
221	2F	* G01-2667-04	COMPRESSION SPRING	
223	2F	* G11-1631-04	CUSHION	
-		* H10-4463-02	POLYSTYRENE FOAMED FIXTURE	
-		* H12-2566-04	PACKING FIXTURE	
-		H25-0329-04	PROTECTION BAG (280X450X0.03)D,N	
-		H25-0337-04	PROTECTION BAG (180X300X0.03)	
-		H25-1111-04	PROTECTION BAG (280X450X0.03)	L
-		* H54-0193-04	ITEM CARTON CASE	D
-		* H54-0195-04	ITEM CARTON CASE	L
-		* H54-0197-04	ITEM CARTON CASE	N
-		* H64-0209-04	OUTER CARTON CASE	D
-		* H64-0211-04	OUTER CARTON CASE	L
-		* H64-0213-04	OUTER CARTON CASE	N
224	2D	* J19-4544-05	HOLDER	
225	1C	* J21-7473-01	MOUNTING HARDWARE	
229	1C	J54-0071-04	STAY	
230	2C	* K23-1029-04	KNØB (TONE)	
231	3C	* K23-1030-03	KNØB (FAD)	
232	3C	* K23-1031-03	KNØB (VOL)	
233	2E	* K24-1435-04	KNØB (EJECT)	

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
234	2F	* K24-1436-04	KNØB (FF)	
235	2F	* K24-1437-04	KNØB (REW)	
236	2F	* K24-1438-04	KNØB (LOUD,DISP)	
237	2F	* K24-1441-04	KNØB (LO,AUTO,PRP)	
238	2F	* K24-1442-04	KNØB (FM)	
239	2F	* K24-1443-04	KNØB (AM)	
240	2F	* K24-1444-04	KNØB (RELEASE)	
241	2F	* K25-0637-03	KNØB (TUNE)	
242	2F	* K29-5573-03	KNØB (PRESET 1-6)	
A	3C	N09-1492-05	MACHINE SCREW (2.6X3.5)	
B	1F	* N78-2060-45	PAN HEAD TAPTITE SCREW	
C	3C	N32-2604-46	FLAT HEAD MACHIN SCREW	
D	2D	N09-2028-05	MACHINE SCREW (M3X4)	
E	3D	N80-2006-46	PAN HEAD TAPTITE SCREW	
F	1D	N83-2605-46	PAN HEAD TAPTITE SCREW	
G	1D,2D	N83-3005-46	PAN HEAD TAPTITE SCREW	
N	1C	N09-1885-05	SEMS (MACHINE SCREW)	
SYNTHESIZER UNIT (X14-5202-71: KRC-155D 2-72:-155L 2-73:-155N)				
243	2C	* B11-0869-04	OPTICAL DIFFUSER	
244	2C	* B19-0971-03	LIGHTING BOARD	
LCD1	2C	* B38-0594-05	LIQUID CRYSTAL	
PL1 ,2	*	B30-1418-05	LAMP (5.5V 125MA,GR)	
C1 ,2		CK73FB1H102K	CHIP C 1000PF	K
C3 ,4		CE04CW1C4R7M	ELECTRO 4.7UF	16WV
C5 ,6		CC73FCH1H101J	CHIP C 100PF	J
C7 ,8		CK73FB1H223KTA	CHIP C 0.022UF	K
C9 ,10		CE04CW1A101M	ELECTRO 100UF	10WV
C11 ,12		CE04CW1C100M	ELECTRO 10UF	16WV
C13 ,14		CK73FB1H183KTA	CHIP C 0.018UF	K
C15		CK73FB1H103K	CHIP C 0.010UF	K
C20		CE04CW1A101M	ELECTRO 100UF	10WV
C21		CE04CW0J470M	ELECTRO 47UF	6.3WV
C31 ,32		CK73FB1E473KTA	CHIP C 0.047UF	K
C33		CK73EB1E104K	CHIP C 0.10UF	K
C34		CK73FB1H332K	CHIP C 3300PF	K
C35		CK73FB1H103K	CHIP C 0.010UF	K
C36		CE04CW1C4R7M	ELECTRO 4.7UF	16WV
C37		CK73FB1H562K	CHIP C 5600PF	K
C38		C93-0025-05	CERAMIC 0.22UF	K
C39		CK73EB1E104K	CHIP C 0.10UF	K
C40		C93-0025-05	CERAMIC 0.22UF	K
C41		CQ92P2A391J	MYLAR 390PF	J
C42		C93-0025-05	CERAMIC 0.22UF	K
C43		CK73FB1H682K	CHIP C 6800PF	K
C44	*	C90-2804-05	ELECTRO 47UF	16WV
C45		C92-0501-05	CHIP-TAN 1.5UF	6.3WV
C46		C92-0005-05	ELECTRO 2.2UF	6.3WV
C48		CK73FB1H332K	CHIP C 3300PF	K
C49		CK73FB1H103K	CHIP C 0.010UF	K
C50		C92-0502-05	ELECTRO 0.33UF	35WV
C61		CK73FB1H103K	CHIP C 0.010UF	K
C62		CE04CW1A330M	ELECTRO 33UF	10WV
C63 -66		C93-0026-05	CHIP C 0.068UF	50WV
C67		CK73FB1H103K	CHIP C 0.010UF	K

E: Europe W: Without Europe P: Canada X: Australia
K: U.S.A. and Canada M: Without Europe, U.S.A. and Canada

D: KRC-155D
L: KRC-155L
N: KRC-155N

△ indicates safety critical components.

KRC-155D/L/N

PARTS LIST

✕ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

(X14-5202-XX)

Ref. No. 参照番号	New Parts 新	Parts No. 部 品 番 号	Description 部 品 名 / 規 格	Desti- nation 仕 向
C68 C69 C70 ,71 C72 C73		CQ93AP2A332J CE04CW1C4R7M C91-2050-05 CK73EB1E104K C93-0024-05	POLYPRO 3300PF J ELECTRO 4.7UF 16WV D CERAMIC 0.068UF Z D CHIP C 0.10UF K D CERAMIC 0.15UF 16WV D	
C74 C101 C123,124 C141,142 C143,144		CC73FCH1H560J CK73EB1E154K CE04CW1HR33M CE04CW1V2R2M CK73FB1H681K	CHIP C 56PF J D CHIP C 0.15UF K ELECTRO 0.33UF 50WV ELECTRO 2.2UF 35WV CHIP C 680PF K	
C145-148 C149,150 C151 C152 C153		CK73EB1E104K C90-2757-05 CK73FB1H223KTA C90-2765-05 CK73FB1H223KTA	CHIP C 0.10UF K ALMINIUM ELECTROLYTIC C. CHIP C 0.022UF K ELECTRO 2200UF 16WV CHIP C 0.022UF K	
C154 C156 C162 C165 C166-169		C90-2688-05 C90-2673-05 CE04CW1V2R2M CE04CW1C100M CE04CW1C4R7M	ALMINIUM ELECTROLYTIC C. ELECTRO 220UF 10WV ELECTRO 2.2UF 35WV ELECTRO 10UF 16WV ELECTRO 4.7UF 16WV	
C171 C172 C174 C181 C182		CE04CW1C4R7M CE04CW1H010M CE04CW1C220M CE04CW0J220M CE04CW0J470M	ELECTRO 4.7UF 16WV ELECTRO 1.0UF 50WV ELECTRO 22UF 16WV ELECTRO 22UF 6.3WV ELECTRO 47UF 6.3WV	
C183 C184 C185 C186 C187		C92-0004-05 CE04CW0J221M CK73EB1E104K CC73FCH1H270J CC73FCH1H220J	ELECTRO 1.0UF 16WV ELECTRO 220UF 6.3WV CHIP C 0.10UF K CHIP C 27PF J CHIP C 22PF J	
C188 C189 C190 C192,193 C194		CK73EB1E104K CF92V1H394J CE04CW1A101M C93-0025-05 CK73EB1E104K	CHIP C 0.10UF K MF 0.39UF J ELECTRO 100UF 10WV CERAMIC 0.22UF K CHIP C 0.10UF K	
C200 C201 C202 C203 C204		CK73FB1E333KTA CE04CW1A101M CK73FB1H223KTA CK73FB1H103K CK73EB1H223K	CHIP C 0.033UF K ELECTRO 100UF 10WV CHIP C 0.022UF K CHIP C 0.010UF K CHIP C 0.022UF K	
C205 C207,208 C209 C210-212 C214	*	C90-2804-05 CK73FB1H103K C92-0009-05 CK73FB1H103K CK73FB1H103K	ELECTRO 47UF 16WV CHIP C 0.010UF K CHIP TAN 4.7UF 10WV CHIP C 0.010UF K CHIP C 0.010UF K	
C215 C216 C217 C218 C219		CK73FB1H102K CE04CW1H010M CK73FB1H271K CE04CW1A330M CK73FB1H103K	CHIP C 1000PF K ELECTRO 1.0UF 50WV CHIP C 270PF K ELECTRO 33UF 10WV CHIP C 0.010UF K	
C220 C222 C223 C224 C224,225		CK73FB1H221K CE04CW1HR47M CK73FB1H103K CE04CW1C4R7M CE04CW1C4R7M	CHIP C 220PF K ELECTRO 0.47UF 50WV CHIP C 0.010UF K ELECTRO 4.7UF 16WV L,N ELECTRO 4.7UF 16WV D	
C226 C227 C301,302 C303,304 C305,306		CE04CW1C100M CK73EB1H223K CC73FCH1H050C CK73FB1H182K CK73FB1H223KTA	ELECTRO 10UF 16WV D CHIP C 0.022UF K CHIP C 5PF C CHIP C 1800PF K CHIP C 0.022UF K	
C307 C308 C311-314		CE04DW0J331M CE04DW1A101M CE04DW1E4R7M	ELECTRO 330UF 6.3WV ELECTRO 100UF 10WV ELECTRO 4.7UF 25WV	
250 254 255	2D 3D 3D	*	D21-2142-04 D10-2837-03 D10-2838-03	SHAFT LEVER LEVER
CN1 CN2 CN3 CN4 CN4		*	E40-3302-05 E40-9308-05 E40-9310-05 E40-9309-05 E40-9314-05	PIN ASSY SOCKET FOR PIN ASSY PIN ASSY SOCKET FOR PIN ASSY D SOCKET FOR PIN ASSY L,N
CN5 CN5 CN6 CN8 J1		*	E40-9311-05 E40-9315-05 E40-5461-05 E58-0824-05 E04-0306-05	PIN ASSY D PIN ASSY L,N SOCKET FOR PIN ASSY RECTANGULAR RECEPTACLE RF COAXIAL CABLE RECEPTACLE
WH1 WH2		*	E39-0033-05 E39-0032-05	WIRING HARNESS WIRING HARNESS
245 246	1D 2C	*	F01-1436-03 F20-1809-04	HEAT SINK INSULATING SHEET
251 252	3D 2D	*	G01-2669-04 G02-1168-03	EXTENSION SPRING FLAT SPRING
247 253	2C 2D	*	J19-4530-03 J21-7476-03	HOLDER MOUNTING HARDWARE
CF1 ,2 L1 L2 L4 L6			L72-0716-05 L39-0156-05 L40-4791-17 L40-4791-17 L40-4791-31	CERAMIC FILTER TRAP COIL D SMALL FIXED INDUCTOR(4.7UH,K) SMALL FIXED INDUCTOR(4.7UH,K) SMALL FIXED INDUCTOR(4.7UH)
T1 X1 X1		*	L30-0462-15 L77-1163-05 L77-2025-05	FM IFT CRYSTAL RESONATOR(4.5M) CRYSTAL RESONATOR
G H J K L	2D 2C 2D 1D 2D	*	N83-3005-46 N09-4101-05 N35-3005-46 N35-3008-46 N30-2603-46	PAN HEAD TAPTITE SCREW MACHINE SCREW (M2.6X3) BINDING HEAD MACHINE SCREW BINDING HEAD MACHINE SCREW PAN HEAD MACHINE SCREW
M	1D		N83-3010-46	PAN HEAD TAPTITE SCREW
R1 ,2 R3 ,4 R5 ,6 R7 ,8 R13			RK73FB2A823J RK73FB2A101J RK73FB2A682J RK73FB2A124J RK73EB2B103J	CHIP R 82K J 1/10W CHIP R 100 J 1/10W CHIP R 6.8K J 1/10W CHIP R 120K J 1/10W CHIP R 10K J 1/8W
R14 R15 R16			RK73FB2A103J RK73EB2B473J RK73FB2A473J	CHIP R 10K J 1/10W CHIP R 47K J 1/8W CHIP R 47K J 1/10W

E: Europe W: Without Europe P: Canada X:Australia
K: U.S.A. and Canada M: Without Europe, U.S.A. and Canada

D: KRC-155D
L: KRC-155L
N: KRC-155N

 indicates safety critical components

KRC-155D/L/N

PARTS LIST

✕ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

(X14-5202-XX)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R17 ,18		RK73FB2A512J	CHIP R 5.1K J 1/10W	
R21		RK73EB2B100J	CHIP R 10 J 1/8W	
R23		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R24		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R25		RK73FB2A103J	CHIP R 10K J 1/10W	
R31		RK73FB2A152J	CHIP R 1.5K J 1/10W	
R32		RK73FB2A224J	CHIP R 220K J 1/10W	
R33		RK73FB2A752J	CHIP R 7.5K J 1/10W	
R34		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R35		RK73FB2A332J	CHIP R 3.3K J 1/10W	
R36		RK73FB2A123J	CHIP R 12K J 1/10W	
R37		RK73EB2B680J	CHIP R 68 J 1/8W	
R38		RK73FB2A104J	CHIP R 100K J 1/10W	
R39		RK73FB2A184J	CHIP R 180K J 1/10W	
R40		RK73FB2A104J	CHIP R 100K J 1/10W	
R41		RK73FB2A473J	CHIP R 47K J 1/10W	
R42		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R43		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R44		RK73FB2A103J	CHIP R 10K J 1/10W	
R45		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R46		RK73FB2A473J	CHIP R 47K J 1/10W	
R61		RK73FB2A180J	CHIP R 18 J 1/10W D	
R62		RK73FB2A564J	CHIP R 560K J 1/10W D	
R63		RK73FB2A273J	CHIP R 27K J 1/10W D	
R64		RK73FB2A563J	CHIP R 56K J 1/10W D	
R65		RK73FB2A333J	CHIP R 33K J 1/10W D	
R66		RK73FB2A244J	CHIP R 240K J 1/10W D	
R67		RK73EB2B123J	CHIP R 12K J 1/8W D	
R68		RK73FB2A683J	CHIP R 68K J 1/10W D	
R69		RK73FB2A182J	CHIP R 1.8K J 1/10W D	
R70		RK73EB2B104J	CHIP R 100K J 1/8W D	
R71		RK73FB2A684J	CHIP R 680K J 1/10W D	
R72		RK73FB2A431J	CHIP R 430 J 1/10W D	
R73		RK73FB2A473J	CHIP R 47K J 1/10W D	
R74		RK73FB2A224J	CHIP R 220K J 1/10W D	
R101-103		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R104		RK73FB2A133J	CHIP R 13K J 1/10W	
R121,122		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R123		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R124		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R141,142		RK73FB2A821J	CHIP R 820 J 1/10W	
R143,144		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R145-148		RK73EB2B472J	CHIP R 4.7 J 1/8W	
R151		RS14DB3D2R2J	FL-PROOF RS 2.2 J 2W	
R152		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R155,156		RK73FB2A511J	CHIP R 510 J 1/10W	
R158		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R159,160		RK73FB2A473J	CHIP R 47K J 1/10W	
R165,166		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R167		RK73FB2A473J	CHIP R 47K J 1/10W	
R168		RK73FB2A332J	CHIP R 3.3K J 1/10W	
R169		RK73FB2A103J	CHIP R 10K J 1/10W	
R170		RK73FB2A180J	CHIP R 18 J 1/10W	
R171		RK73FB2A242J	CHIP R 2.4K J 1/10W	
R172		RK73FB2A562J	CHIP R 5.6K J 1/10W	
Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R176		RD14DB2H2R2J	SMALL-RD 2.2 J 1/2W	
R181,182		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R183,184		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R185		RK73FB2A123J	CHIP R 12K J 1/10W	
R186		RK73FB2A473J	CHIP R 47K J 1/10W	
R193		RK73FB2A153J	CHIP R 15K J 1/10W	
R194		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R195		RK73FB2A472J	CHIP R 4.7K J 1/10W	
R196		RK73FB2A182J	CHIP R 1.8K J 1/10W	
R197		RK73FB2A103J	CHIP R 10K J 1/10W	
R198,199		RK73FB2A473J	CHIP R 47K J 1/10W	
R200		RK73EB2B222J	CHIP R 22K J 1/8W	
R204		RK73FB2A473J	CHIP R 47K J 1/10W	
R205-209		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R210-213		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R215		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R216		RK73FB2A104J	CHIP R 100K J 1/10W	
R218		RK73EB2B472J	CHIP R 4.7K J 1/8W	
R219		RK73FB2A273J	CHIP R 27K J 1/10W	
R220		RK73EB2B222J	CHIP R 2.2K J 1/8W D	
R221		RK73FB2A473J	CHIP R 47K J 1/10W L,N	
R222		RK73EB2B222J	CHIP R 2.2K J 1/8W D	
R223		RK73FB2A473J	CHIP R 47K J 1/10W L,N	
R225		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R226		RK73EB2B331J	CHIP R 330 J 1/8W	
R227		RK73EB2B471J	CHIP R 470 J 1/8W	
R228		RK73FB2A221J	CHIP R 220 J 1/10W	
R229		RK73FB2A101J	CHIP R 100 J 1/10W	
R231		RK73FB2A180J	CHIP R 18 J 1/10W	
R232		RK73EB2B102J	CHIP R 1.0K J 1/8W	
R233		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R235		RK73FB2A682J	CHIP R 6.8K J 1/10W	
R236		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R237		RK73FB2A561J	CHIP R 560 J 1/10W	
R238		RK73FB2A101J	CHIP R 100 J 1/10W	
R239		RK73FB2A131J	CHIP R 130 J 1/10W	
R240		RK73FB2A181J	CHIP R 180 J 1/10W	
R241,242		RK73FB2A331J	CHIP R 330 J 1/10W	
R243		RK73FB2A103J	CHIP R 10K J 1/10W	
R244		RK73FB2A223J	CHIP R 22K J 1/10W	
R245		RK73FB2A562J	CHIP R 5.6K J 1/10W	
R246		RK73FB2A223J	CHIP R 22K J 1/10W	
R247		RK73FB2A473J	CHIP R 47K J 1/10W	
R248		RK73FB2A103J	CHIP R 10K J 1/10W	
R249		RK73FB2A123J	CHIP R 12K J 1/10W	
R250		RK73FB2A473J	CHIP R 47K J 1/10W	
R251		RK73EB2B100J	CHIP R 10 J 1/8W	
R252		RK73FB2A223J	CHIP R 22K J 1/10W D	
R257		RK73EB2B241J	CHIP R 240 J 1/8W	
R258		RK73FB2A222J	CHIP R 2.2K J 1/10W D	
R261,262		RK73FB2A472J	CHIP R 4.7K J 1/10W D	
R263		RK73FB2A302J	CHIP R 3.0K J 1/10W D	
R301,302		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R303,304		RK73FB2A103J	CHIP R 10K J 1/10W	
R305,306		RK73FB2A392J	CHIP R 3.9K J 1/10W	

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 indicates safety critical components.

KRC-155D/L/N

PARTS LIST

× New Parts
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Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

(X14-5202-XX)
(X25-7110-21)
(D40-1053-05)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R307-310		RK73FB2A183J	CHIP R 18K J 1/10W	
R311		RK73EB2B183J	CHIP R 18K J 1/8W	
R312		RK73FB2A183J	CHIP R 18K J 1/10W	
R313,314		RK73FB2A102J	CHIP R 1.0K J 1/10W	
R315		RK73EB2B101J	CHIP R 100 J 1/8W	
R316		RK73FB2A222J	CHIP R 2.2K J 1/10W	
R317		RK73FB2A242J	CHIP R 2.4K J 1/10W	
VR1		R12-1071-05	TRIMMING POT.(2.2K)	
VR2		R12-1073-05	TRIMMING POT.(4.7K)	
VR3		R12-3100-05	TRIMMING POT.(10K)	
VR4		R12-3101-05	TRIMMING POT.(22K)	
VR5		R12-0096-05	TRIMMING POT.(220)	
VR6	*	R24-3652-05	POTENTIOMETER(80X2,20KX2)	
VR7	*	R29-0617-05	POTENTIOMETER(50KX2)	
W3 -363		R92-2052-05	CHIP R 0 J 1/10W	
W3 -363		R92-2053-05	CHIP R 0 J 1/8W	
S1		S40-1139-05	PUSH SWITCH	
D1 -6		1SS133	DIODE	
D11,12		1SS133	DIODE	
D13		AM01Z	DIODE	
D13		ERA15-01	DIODE	
D14		RL254	DIODE	
D15		AM01Z	DIODE	
D15		ERA15-01	DIODE	
D21		1SS133	DIODE	
D23		MA110	DIODE	
D23		1SS355	DIODE	
D24		AM01Z	DIODE	
D24		ERA15-01	DIODE	
D25		RD6.2JS(B2)	ZENER DIODE	
D26,27		1SS133	DIODE	
D29		AM01Z	DIODE	
D29		ERA15-01	DIODE	
D30		HZS11B2L	ZENER DIODE	
D32		RO11JS(B)	ZENER DIODE	
D33		DA204K	DIODE	
D34		RD5.6JS(B)	ZENER DIODE	
D35		1SS133	DIODE	
D36 -39		DAP202K	DIODE	
D40		1SS133	DIODE	
D41		1SS133	DIODE	
D42		1SS133	DIODE	
D43 -50		1SS133	DIODE	
D44 -50		1SS133	DIODE	
D52		MA8091-M	ZENER DIODE	
D53		1SS355	DIODE	
IC1		LA3161	IC(PREAMP X2)	
IC3		AN7465K	IC(N.C./MPX)	
IC4		TDA1579	IC(DECODER)	
IC5		NJM4565L	IC(OP AMP X2)	
IC6		BA3913-V4	ANALOG IC	
IC7	*	TA8232H	ANALOG IC	
IC8		TA78L09F	ANALOG IC	
IC10		LA1140	IC(FM IF/DETECTION)	
IC11	*	LC72329-8846	MI-COM IC	

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
IC13		NJM4565L-D	IC(OP AMP X2)	
Q1,2		DTC143TK	DIGITAL TRANSISTOR	
Q3		DTC144EK	DIGITAL TRANSISTOR	
Q3		XDC144EK	TRANSISTOR	
Q5 -7		2SC2412K	TRANSISTOR	
Q11,12		2SD2114K	TRANSISTOR	
Q13,14		DTC143TK	DIGITAL TRANSISTOR	
Q22		2SA1037K	TRANSISTOR	
Q23,24		DTC144EK	DIGITAL TRANSISTOR	
Q23,24		XDC144EK	TRANSISTOR	
Q26		2SC2412K	TRANSISTOR	
Q29		2SC2412K	TRANSISTOR	
Q30		DTA114EK	DIGITAL TRANSISTOR	
Q34		DTA114EK	DIGITAL TRANSISTOR	
Q35		2SC2412K	TRANSISTOR	
Q36		2SB1565	TRANSISTOR	
Q43		2SK536	FET	
Q51		DTC144EK	DIGITAL TRANSISTOR	
Q51		XDC144EK	TRANSISTOR	
Q52		DTA144EK	DIGITAL TRANSISTOR	
Q53		2SC2413K	TRANSISTOR	
Q55		2SA1037K	TRANSISTOR	
Q56,57		DTC144EK	DIGITAL TRANSISTOR	
Q56,57		XDC144EK	TRANSISTOR	
Q57		DTC144EK	DIGITAL TRANSISTOR	
Q57		XDC144EK	TRANSISTOR	
Q58		2SC2412K	TRANSISTOR	
Q59		DTC144EK	DIGITAL TRANSISTOR	
Q59		XDC144EK	TRANSISTOR	
Q61,62	*	2SD2114K	TRANSISTOR	
Q63		2SC2412K	TRANSISTOR	
Q64		2SB1188	TRANSISTOR	
Q65		DTA114EK	DIGITAL TRANSISTOR	
TU1 2D	*	W02-1425-05	FM/AM FRONT-END	
TU1 2D	*	W02-1429-05	FM/AM FRONT-END	
SWITCH UNIT (X25-7110-21)				
D1 -15		B30-2025-05	LED	
D16	*	B30-1417-05	LED	
CN1		E40-5452-05	PIN ASSY	
R1 -5		RK73EB2B331J	CHIP R 330 J 1/8W	
CASSETTE MECHANISM ASSY (D40-1053-05)				
1	2A	*	A10-2345-08	CHASSIS ASSY
2	3B	*	J21-7524-08	MOUNTING HARDWARE (P.B. HEAD)
3	3B		D14-0630-08	SPRING ROLLER
4	3B		G01-2613-08	TORSION SPRING (PINCH ROLLER)
5	3B	*	D10-2907-08	SLIDER
6	3B		D13-1102-08	GEAR
7	3B	*	J90-0743-08	TAPE GUIDE
8	2B	*	J19-4554-08	HEAD HOLDER
9	2B		J11-0604-08	CLAMPER
11	3B	*	D10-2908-08	SHIFT PLATE
12	3B	*	G01-2695-08	H.G SPRING
13	3B	*	J90-0742-08	WASHER
15	2B	*	E39-0059-08	WIRING HARNESS
16	2B		D10-2752-08	PINCH ROLLER ASSY (F)
17	2A		D10-2753-08	PINCH ROLLER ASSY (R)

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PARTS LIST

* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

(D40-1053-05)

Ref. No.	New Parts	Parts No.	Description	Destination	Ref. No.	New Parts	Parts No.	Description	Destination
参照番号	新	部品番号	部品名 / 規格	仕向	参照番号	新	部品番号	部品名 / 規格	仕向
19	2B	*	J21-7528-08	MOUNTING HARDWARE	91	1B	*	G01-2697-08	TENSION SPRING
20	1B	*	D10-2909-08	SLIDER	92	1B	*	D10-2913-08	LEVER
22	3A	*	D03-0308-08	REEL DISK	93	1B	*	D10-2914-08	LEVER
23	3A		D13-1103-08	GEAR	94	2B		D10-2764-08	ARM
24	3A		D13-1104-08	GEAR	95	2B		G01-2625-08	TENSION SPRING
25	3A		D13-1105-08	GEAR	96	1B		D10-2765-08	ARM
26	3A		D13-1106-08	GEAR	97	1B		G01-2626-08	TENSION SPRING
27	3A		D13-1107-08	GEAR (REV)	98	3B		N19-2035-08	FLAT WASHER
28	3A		D10-2755-08	ARM	103	2B		D19-0604-08	PIN
29	3A	*	A11-0889-08	SUB CHASSIS ASSY	104	2B		G01-2627-08	TENSION SPRING
30	3A		G01-2618-08	COMPRESSION SPRING	150	2B		N09-4009-05	SCREW
31	3A		D13-1111-08	GEAR	151	3B		N09-4009-05	SCREW
32	3A		D10-2756-08	ARM	153	3B		N19-2036-08	FLAT WASHER
33	3A		D10-2757-08	ARM	154	2A, 2B		N19-2037-08	FLAT WASHER
34	3A		G01-2614-08	TORSION SPRING	155	1A, 2A		N84-2003-45	SCREW
36	3A		D03-0307-08	REEL DISK ASSY	156	1A		N24-3015-60	E TYPE RETAINING RING
41	2A		E60-0802-08	CONNECTOR	158	2B, 3A		N19-2043-08	FLAT WASHER
43	1B		D10-2758-08	ARM	159	2A		N19-2039-08	FLAT WASHER
44	1A		D10-1346-08	SLIDER	160	2B, 3A		N24-3020-60	E TYPE RETAINING RING
45	1B		G01-1574-08	TENSION SPRING	161	2A		N09-4058-08	SCREW
46	1A		G11-1550-08	CUSHION	162	3B	*	N19-2050-08	FLAT WASHER
47	1A	*	G01-2696-08	TORSION SPRING	163	2A, 2B		N19-2041-08	FLAT WASHER
48	1A		J19-4451-08	HOLDER	164	2A, 2B		N19-2042-08	FLAT WASHER
49	1A		D10-2759-08	ARM	165	3A		N09-4092-08	SCREW
50	1A		D10-2768-08	SLIDER	166	2B		N09-4060-08	SCREW
51	1B		G02-1153-08	FLAT SPRING	167	3B	*	N09-4109-08	SCREW
52	1A		G09-0051-08	SPRING	168	3B	*	N09-4110-08	SCREW
56	2A		D14-0631-08	ROLLER	HD1	2B	*	T31-0214-08	PLAYBACK HEAD
57	2A		D14-0632-08	ROLLER	M1	2A	*	T42-0734-08	MOTOR ASSY
58	2A		D10-2747-08	LEVER	S1	2A		S62-0813-08	SLIDE SWITCH
59	2A		G01-2620-08	TENSION SPRING	S2	2A		S68-0803-08	PUSH SWITCH
60	2A		G01-2621-08	TENSION SPRING	S3	2B		S62-0812-08	SLIDE SWITCH
61	2A	*	D10-2912-08	LEVER					
64	2B		D10-2769-08	SLIDER					
65	2B		G09-2006-08	SPRING					
66	2B		G09-2007-08	SPRING					
70	3A		D10-2754-08	ARM					
71	2A		D13-1109-08	GEAR					
72	3A		G01-2616-08	TORSION SPRING					
74	3B	*	D01-0605-08	FLYWHEEL ASSY					
75	3B		D16-0606-08	BELT					
77	2A		G01-2619-08	COMPRESSION SPRING					
78	2B		D13-1110-08	GEAR					
79	2B		D15-0909-08	PULLEY					
80	2A		G01-2617-08	TORSION SPRING					
81	2B		D10-2760-08	ARM					
82	2B		N09-4055-08	SCREW					
83	2A		D10-2761-08	ARM					
84	2B		D10-2762-08	ARM					
85	1A		G01-2622-08	TENSION SPRING					
86	3B		D10-2749-08	LEVER					
87	3A		N09-4056-08	SCREW					
88	2A		D10-2763-08	ARM					
89	2B		G01-2623-08	TENSION SPRING					
90	2B		N19-2038-08	FLAT WASHER					

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KRC-155D/L/N

SPECIFICATIONS

Specifications subject to change without notice.

FM Tuner Section

Frequency Range	87.5 MHz - 108.0 MHz
Usable Sensitivity (DIN)	0.9 μ V/75 ohms
Quieting Sensitivity (S/N = 46 dB)	1.6 μ V/75 ohms
Frequency Response ($\pm$ 3 dB)	30 Hz - 15 kHz
Signal to Noise Ratio	68 dB
Selectivity (DIN)	70 dB
Stereo Separation (1 kHz)	35 dB
19 kHz Carrier Leakage	65 dB

MW Tuner Section

Frequency Range	531 kHz - 1611 kHz
Usable Sensitivity	30 μ V

LW Tuner Section (KRC-155L)

Frequency Range	153 kHz - 281 kHz
Usable Sensitivity	60 μ V

Cassette Deck Section

Tape Speed	4.76 cm/sec.
Wow & Flutter (WRMS)	0.12 %
Fast Winding Time (C-60)	100 sec
Frequency Response (120 μ s)	30 Hz - 14 kHz (+4 dB, -6 dB)
Stereo Separation (1 kHz)	40 dB
Signal to Noise Ratio	53 dB

Audio Section

Maximum Output Power	25 W $\times$ 2 or 15 W $\times$ 4
Output Power (10 % THD, 1 kHz, 4 ohms)	20 W $\times$ 2
(1 % THD, 1 kHz, 4 ohms)	15 W $\times$ 2
Tone Action	Bass: 100 Hz $\pm$ 10 dB
	Treble: 10 kHz $\pm$ 10 dB

General

Operating Voltage	14.4 V (11 - 16 V allowable)
Current Consumption	5.2 A at Rated Power
Dimensions (W $\times$ H $\times$ D)	188 $\times$ 58 $\times$ 173 mm
Installation Size (W $\times$ H $\times$ D)	182 $\times$ 53 $\times$ 150 mm
Weight	1.6 kg

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KENWOOD follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.